



# भारत का राजपत्र

## The Gazette of India

प्राधिकार से प्रकाशित  
PUBLISHED BY AUTHORITY

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30/4/92

सं० 7] नई दिल्ली, शनिवार, फरवरी 15, 1992 (माघ 26, 1913)  
No. 7] NEW DELHI, SATURDAY, FEBRUARY 15, 1992 (MAGHA 26, 1913)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके  
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

### भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस  
[Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE

Telegraphic address "PATENTOFIC"

PATENTS AND DESIGNS

Patent Office Branch, 61, Wallajah Road, Madras-600 002.

Calcutta, the 15th February 1992

The States of Andhra Pradesh, Karnataka, Kerala, Tamilnadu, and the Union Territories of Pondicherry, Laccadive, Minicoy and Aminidivi Islands.

ADDRESS AND JURISDICTION OF OFFICES OF  
THE PATENT OFFICE

Telegraphic address "PATENTOFIS".

The Patent Office has its Head Office at Calcutta and Branch Offices at Bombay, Delhi and Madras having territorial Jurisdiction on a zonal basis as shown below :—

Patent Office, (Head Office), "NIZAM PALACE" 2nd M.S.O. Building, 5th, 6th and 7th Floor, 234/4, Acharya Jagadish Bose Road, Calcutta-700 020.

Patent Office Branch, Todi Estates, III Floor, Lower Parel (West), Bombay-400 013.

Rest of India.

The States of Gujarat, Maharashtra, and Madhya Pradesh, and the Union Territories of Goa, Daman & Diu and Dadra and Nagar Haveli.

Telegraphic address "PATENTS".

Telegraphic address "PATOFFICE"

Patent Office Branch, Unit No. 401 to 405, III Floor, Municipal Market Building, Saraswati Marg, Karol Bagh, New Delhi-110 005.

All applications, notices statements or other documents or any fees required by the Patents Act, 1970 or the Patents Rules, 1972 will be received only at the appropriate Offices of the Patent Office.

The States of Harayana, Himachal Pradesh, Jammu and Kashmir, Punjab, Rajasthan and Uttar Pradesh and the Union Territories of Chandigarh and Delhi.

**Fees :—**The fees may either be paid in cash or may be sent by Money Order or Postal Order payable to the Controller at the appropriate Offices or by bank cheque, payable to the Controller drawn on a scheduled bank at the place where the appropriate office is situated.

## पेटेंट कार्यालय

## एकस्य तथा अधिकस्य

कलकत्ता, दिनांक 15 फरवरी 1992

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ते में अधिष्ठित है तथा बम्बई, दिल्ली एवं मद्रास में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं :—

पेटेंट कार्यालय शाखा, टोडी इस्टेट  
सीसरा तल, लोअर परेल (पश्चिम),  
बम्बई-400013

गुजरात, महाराष्ट्र तथा मध्य प्रदेश राज्य  
क्षेत्र एवं संघ शासित क्षेत्र गोआ, वमन तथा  
विश्व एवं दादरा और नगर हवेली ।

तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय शाखा,  
एकक सं. 401 से 405, सीसरा तल,  
नगरपालिका बाजार भवन,  
सरस्वती मार्ग, करोल बाग,  
नई दिल्ली-110005

हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर  
पंजाब, राजस्थान तथा उत्तर प्रदेश राज्य क्षेत्रों  
एवं संघ शासित क्षेत्र चंडीगढ़ तथा दिल्ली ।

तार पता—“पेटेंटोफिस”

47-4401  
Phone No. 47-3851  
47-4402

पेटेंट कार्यालय शाखा,  
61, बालाजाह रोड,  
मद्रास-600002

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु, राज्य  
क्षेत्र एवं संघ शासित क्षेत्र पाण्डिचेरी, लक्षद्वीप  
मिनिक्काय तथा एमिनिदिवी द्वीप ।

तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय (प्रधान कार्यालय)  
निजाम पैलेस, द्वितीय बहुस्तरीय कार्यालय  
भवन, 5, 6 तथा 7वां तल,  
234/4, आचार्य जगदीश बोस रोड  
कलकत्ता-700020

भारत का अवशेष क्षेत्र ।

तार पता—“पेटेंट्स”

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में अपेक्षित सभी आवेदन पत्र, सूचनायें, विवरण या अन्य प्रलेख पेटेंट कार्यालय के केवल उपर्युक्त कार्यालय में ही प्राप्त किए जायेंगे ।

शुल्क :—शुल्कों की अवायगी या तो नकद की जाएगी अथवा उपर्युक्त कार्यालय में नियंत्रक को भुगतान योग्य धनादेश अथवा डाक आदेश या जहाँ उपर्युक्त कार्यालय अवस्थित है; उक्त स्थान के अनुसूचित बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा बैंक द्वारा की जा सकती है ।

GRAM : PATENTS

TELEX : 4169

## GOVERNMENT OF INDIA

## THE PATENT OFFICE

2nd M.S.O. Building, Nizam Palace, 234/4, Acharya Jagadish  
Bose Road, Calcutta-700 020

No. A-45011/1/92-Admn.

Dated : 31-12-1991

The following holidays will be observed by the Patent Office, Calcutta during the Calendar year 1992.

Sl. No.	Holidays and Connected Festivals	Date	Day of the week
01.	Republic Day	Jan. 26	Sunday
02.	Doljatra	Mar. 18	Wednesday
03.	Id-ul-Fitr	Apr.	Sunday
04.	Bengali New Year's Day	Apr. 14	Tuesday
05.	Mahavir Jayanti	Apr. 15	Wednesday
06.	Good Friday	Apr. 17	Friday
07.	Buddha Purnima	May 16	Saturday
08.	Id-uz-Zuha (Bakrid)	June 12	Friday
09.	Muharam	July 11	Saturday
10.	Independence Day	15 Aug.	Saturday
11.	Milad-un-Nabi (Prophet Mohammed's Birthday)	Sep. 10	Thursday
12.	Mahatma Gandhi's Birth Day	Oct. 2	Friday
13.	Additional Day for Dussehra (Mahanavami)	Oct. 5	Monday
14.	Vijaya Dashami (Dussehra)	Oct. 6	Tuesday
15.	Diwali (Kali Puja)	Oct. 25	Sunday
16.	Guru Nanak's Birthday	Nov. 10	Tuesday
17.	Christmas Day	Dec. 25	Friday

B. M. MOHAPATRA  
Jt. Controller of  
Patents & Designs

THE PATENT OFFICE  
PATENTS AND DESIGNS  
CALCUTTA-20

CORRIGENDUM

In the Gazette of India, Part-III, Sec-2, dated 12th October, 1991 under the heading "PATENT SEALED" please read the number 167580 as 166580.

THE PATENT OFFICE

Calcutta, the 15th February 1992

APPLICATION FOR PATENTS FILED AT THE HEAD  
OFFICE 234/4, ACHARYA JAGADISH BOSE ROAD,  
CALCUTTA-20

The dates shown in the crescent brackets are the dates claimed Under Section 135, of the Patents Act, 1970.

The 03rd January, 1992

- 06/Cal/92 Khaitan (India) Limited. Improvements in or relating to body of electric motor for ceiling fans and ceiling fans fitted with such motor body.
- 07/Cal/92 Norton Company. Method of making Microcrystalline Boehmite product. [Divided out of No. 639/Cal/88, antedated to 1st August 1988].
- 08/Cal/92 Balmer Lawrie & Company Limited. Process for the production of Esters Having Good Surface Active Properties.

The 06th January, 1992

- 09/Cal/92 Dr. Badal Chandra Podder. Medicinal Green Tea.
- 10/Cal/92 Mr. Subhendu Banerjee. Improved Water Tap.

The 07th January, 1992

- 11/Cal/92 BASF Corporation. Polystyrene having high degree of expandability, and formulation having a highly-expandable Polymer Therein.

The 08th January 1992

- 12/Cal/92 Balmer Lawrie & Company Limited. Process for hydrolysing fats and oils (Triglycerides).
- 13/Cal/92 United Catalysts Inc. Preparation of Nickel Oxide promoted dehydrogenation catalysts.
- 14/Cal/92 United Catalysts Inc. Improved process for the dehydrogenation of Ethyl Benzene to Styrene.
- 15/Cal/92 John Lysaght (Australia) Limited. Continuously coating a moving Metal Strip.

The 09th January 1992

- 16/Cal/92 Minato Company Ltd. (2) The Green Cross Corporation Method for preparing germ destroying solution. [Divided out of No. 448/Cal/90 ante-dated to 28th May, 1990].

Applications for Patents filed at the Patent Office Branch, Municipal Market Building, IIIrd Floor, Karol Bagh, New Delhi-110 005.

11th November, 91

- 1082/Del/91 UOP, Two step process for sweetening a sour hydrocarbon fraction".
- 1083/Del/91 The Procter & Gamble Co., "Granular detergent or bleaching compositions containing amidoperoxyacid bleach and perfume".
- 1084/Del/91 Fateh S. Nabha., "Wheel engine perpetuum mobile".
- 1085/Del/91 Gajendra Singh, "An improved gas monitoring apparatus".

12th December 91

- 1086/Del/91. Exxon Chemical Patents, Inc., "Flue gas recirculation for NO reduction in premix burners".
- 1087/Del/91 Stein Industrie, "A cyclone for separating a mixture of gas and solid particles by centrifuging, with heat recovery".
- 1088/Del/91 GPT Ltd., "Optical backplane interconnecting circuit boards". (Convention date 14th November, 90) (U.K.).

13th November, 91

- 1089/Del/91 The Procter & Gamble Co., "Liquid detergent composition containing lipase and protease". (Convention date 14th November, 90) (U.K.) and 25th Jan. 1991 (U.K.).
- 1090/Del/91 The Torrington Co., "Polymer bearing cage with amorphous case".

14th November, 91

- 1091/Del/91 Westinghouse Air Brake Co., "Draft gear assembly".
- 1092/Del/91 Westinghouse Air Brake Co., "Railway car resilient side bearing".
- 1093/Del/91 Westinghouse Air Brake Co., "Handbrake for single-cylinder truck mounted railway car brake".
- 1094/Del/91 Westinghouse Air Brake Co., "Truck mounted brake assembly".
- 1095/Del/91 Westinghouse Air Brake Co., "Truss type brake beam for railway vehicle truck-mounted brake assembly".
- 1096/Del/91 Westinghouse Air Brake Co., "Single cylinder truck mounted brake assembly".
- 1097/Del/91 UOP, "Method of start-up of a contaminated hydrocarbon conversion system using a contaminant-sensitive catalyst" (Convention date 29th July, 91) (Canada).

15th November, 91

- 1098/Del/91 The Procter & Gamble Co., "Compositions containing psyllium".
- 1099/Del/91 Kalappattil Krishnankutty., "A direct ophthalmoscope".
- 1100/Del/91 Kameshwar Nath Mallik, "A process for producing a fuel for use in LPG stove".

15th November, 91

- 1101/Del/91 Orbital Engine Co. (Australia) Pty. Ltd., "Capacitive discharge ignition system for internal combustion engines". (Convention date 15th November, 90) (Australia).
- 1102/Del/91 Medice Chem-Pharm Fabrik Putter GmbH & Co. KG. "Complexes containing S (+) phenyl alkane acids and x-amino acids".
- 1103/Del/91 Medice Chem-Pharm Fabrik Putter GmbH & Co. KG. "Complexes containing S (+) phenyl alkane acids and amino sugars".
- 1104/Del/91 Medice Chem-Pharm. Fabrik Putter GmbH & Co. KG. "Complexes containing S (+) phenyl alkane acids and x-hydroxyalkane Acids".

- 1105/Del/91 Coulter Electronics, Inc., "Method and apparatus for optically screening microscopic cells".

18th November, 91

- 1106/Del/91 The Procter & Gamble Co., "Light-duty dish-washing detergent composition containing an alkyl ethoxy carboxylate surfactant and calcium or magnesium ions".

- 1107/Del/91 The Procter & Gamble Co., "Mild skin/cleansing toilet bar with silicone skin mildness/moisturizing aid".
- 1108/Del/91 Zuko Engineers, "A door closer".
- 1109/Del/91 Council of Scientific & Industrial Research, "A process for the synthesis of 3', 5'-anhydro-9-B-D-xylofuranosyladenine showing antiviral activity".
- 1110/Del/91 Council of Scientific & Industrial Research, "A Process for the preparation of 7-oxo-1-substituted-8, 14-dihydropyrido (3, 4-b) imidazo (1, 2-c) quinazolo (4, 5-g) indole as filaricidal agents".
- 1111/Del/91 Council of Scientific & Industrial Research, "A process for the preparation of 11-oxo-1-substituted-10, 14-dihydropyrido (3, 4-b) imidazo (1, 2-c) quinazolo (4, 5-c) indole as filaricidal agents".
- 1112/Del/91 Council of Scientific & Industrial Research, "An improved electrolytic cell for the production of magnesium".
- 1113/Del/91 Council of Scientific & Industrial Research, "A process for the preparation of novel composite catalysts useful for oxidative conversion of methane (or natural gas) to synthesis gas".
- 1114/Del/91 Council of Scientific & Industrial Research, "An improved process for the production of synthesis gas by oxidative conversion of methane (or natural gas) using composite catalysts".
- 1115/Del/91 Council of Scientific & Industrial Research, "An improved process for the preparation of optically clear serum".
- 1116/Del/91 Council of Scientific & Industrial Research, "A process for the preparation of a tablet containing both clofazimine and dapsons".
- 1117/Del/91 Council of Scientific & Industrial Research, "A process for the preparation of activated lead anode useful for electrowinning of metals".
- 1118/Del/91 Council of Scientific & Industrial Research, & Others, "An equipment for mixing, agglomerating and pelletizing of powdered materials".
- 1119/Del/91 Council of Scientific & Industrial Research, "A process for the preparation of extra cellular arabinose liberating exo-xylanase from a pure yeast strain".
- 1120/Del/91 Hydro quebec, "Use of a plasma torch to open a tap hole of a furnace".
- 1121/Del/91 BP Chemicals Ltd., "Process for preparing a ziegler-natta type catalyst".
- 1122/Del/91 The Standard Oil Co., "Method for ammoxidation of paraffins".
- 1123/Del/91 Linx Printing Technologies Ltd., "Electrostatic deflection of charged particles". (Convention date 21st November, 90) (U.K.).
- 1124/Del/91 Pall Corporation, "System and method for processing biological fluid".
- 1125/Del/91 Rajesh Nagar, "A process for the preparation of novel pharmacological active metal complexes".  
19th November, 91
- 1126/Del/91 Torotrak (Development) Ltd., "Improvements in or relating to variations of the toroidal-race rolling-traction type".
- 1127/Del/91 GPT Ltd., "Telephone ringer circuit". (Convention date 5th December, 90) (U.K.).
- 1128/Del/91 Societe Anonyme Dite : Stein Industrie., "An arrangement for supporting and guiding a cyclone skirt in a boiler having a circulating fluidized bed".
- 1129 Del/91 BP Chemicals Ltd., "Cationic polymerisation of 1-olefins". (Convention date 28th November, 90) (U.K.).
- 1130/Del/91 Portals Ltd., "Security articles". (Convention date 4th December, 90) (U.K.).
- 1131/Del/91 Motorola Inc., "TDM communication system for a wide area site and a plurality of local sites".  
20th November, 91
- 1132/Del/91 Bhuvan Chandra Rathor., "Multipurpose long-range autoline microburette".
- 1133/Del/91 Bhuvan Chandra Rathor, "Automatic burette-cum-pipette and microburette-cum-micropipette".
- 1134/Del/91 Coflexip, "Flexible pipe comprising incorporated heating means".
- 1135/Del/91 Bakery Equipment and Service Co., "Apparatus for pressing and baking dough discs".  
22nd November, 91
- 1136 Del/91 Madhok Construction Co. (Pvt.) Ltd., "An improved method of damp proofing".
- 1137/Del/91 Council of Scientific & Industrial Research, "A device for scaring birds".
- 1138/Del/91 Council of Scientific & Industrial Research, "An improved process for the simultaneous electrolytic recovery of silver from spent fixed solution and regeneration of bleach solution".
- 1139/Del/91 Council of Scientific & Industrial Research, "A vaccine cooler".
- 1140/Del/91 Council of Scientific & Industrial Research, "A device for lifting/lowering of an embossing plate used in an embossing machine".  
22nd November, 91
- 1141/Del/91 Council of Scientific & Industrial Research, "A process for the synthesis of novel 2-(4-alkoxyphenyl)-3-substituted phenyl-7H/hydroxy/alkoxy/alkyl-2H-1-benzopyrans".
- 1142/Del/91 Council of Scientific & Industrial Research, "An improved process for the manufacture of pseudocumene".
- 1143/Del/91 Council of Scientific & Industrial Research, "An improved process for the preparation of 4-methyl-5-carboethoxy-oxazole".
- 1144/Del/91 Hydro Quebec, "Use of a radiating arc furnace for treating a dross containing a metal in order to recover this metal". (Convention date 23rd November, 90) (Canada).
- 1145 Del/91 Group Fidomi, "Device for ophthalmological use consisting of a polymeric substrate containing fluorine-containing groups at the surface, and preparation process".

## ALTERATION OF DATE UNDER SECTION 16

- 170144  
(107/Ca/90)  
Ante dated to June 18, 1987.
- 170145  
(144/Ca/90)  
Ante dated to March 02, 1988.
- 170146  
(196/Ca/90)  
Ante dated to August 25, 1987.
- 170147  
(267/Ca/90)  
Ante dated to June 03, 1987

170148  
(366/Cal/90)  
Ante dated to August 18, 1987

170149  
(827/Cal/90)  
Ante dated to September 08, 1988.

170150  
(919/Cal/90)  
Ante dated to July 21, 1988

170158  
(518/Mas/89)  
Ante dated to March 10, 1986.

170159  
(532/Mas/89)  
Ante dated to November 05, 1985.

#### COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the Applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, given notice to the Controller of Patents on the prescribed Form 15, of such opposition. The written statement of opposition should be filed alongwith the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

The classifications given below in respect of each specification are according to Indian Classification and International Classification.

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2/- (postage extra). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office. Photo copying charges may be calculated by adding the number of pages in the specification and drawing sheets mentioned below against each accepted specification and multiplying the same by four to get the charges as the copying charges per page are Rs. 4/-.

#### स्वीकृत सम्पूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि सम्बन्ध आयदनों में से किसी पर पेटेंट अनुदान का विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से 4 महीने या अग्रिम ऐसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के तहत विहित प्रपत्र 14 पर अविवक्षित एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक, एकत्र को ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध संबंधी लिखित वक्तव्य, उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथा विहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

“प्रत्येक विनिर्देश के संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अंतर-राष्ट्रीय वर्गीकरण के अनुरूप है।”

नीचे सूचीगत विनिर्देशों की सीमित संख्याक मुद्रित प्रतियां, भारत सरकार बुक डिपो, 8, किरण शंकर राय रोड, कलकत्ता

में विक्रय हेतु यथा समय उपलब्ध होंगी। प्रत्येक विनिर्देश का मूल्य 2/- रु. है (अतिरिक्त डाक खर्च)। मुद्रित विनिर्देश की आपूर्ति हेतु मांग-पत्र के साथ निम्नलिखित सूची में यथा प्रवर्णित विनिर्देशों की संख्या संलग्न रहनी चाहिए।

रूपांकन (चित्र आरेखों) की फोटो प्रतियां यदि कोई हों, के साथ विनिर्देशों की टंकित अथवा फोटो प्रतियां की आपूर्ति पेटेंट कार्यालय, कलकत्ता द्वारा विहित लिप्यान्तरण प्रभार, जिसे उक्त कार्यालय से पत्र व्यवहार द्वारा सुनिश्चित करने के उपरान्त उसकी अवायगी पर की जा सकती है। विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित चित्र आरेख कागजों को जोड़कर उसे 4 से गुणा करके; (क्योंकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 4/- रु. है) फोटो लिप्यान्तरण प्रभार का परिकलन किया जा सकता है।

CLASS : 48-0A4

170111

Int. Cl. : H01B 11/12.

AN IMPROVED, HIGH FREQUENCY CABLE FOR THE TRANSMISSION OF HIGH FREQUENCY SIGNALS.

Applicant : AEG KABEL AKTIENGESSELLSCHAFT, BONNENBROICHER STRASSE 2-14, D-4050 MONCHEGLADBACH 2, WEST GERMANY.

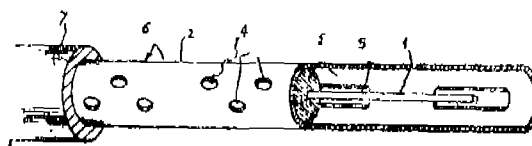
Inventors : (1) HELMUT HAAG, (2) KARL SCHULZE-BUXLOH, (3) GUENTER THOENNESSEN (4) PETER ZAMZOW.

Application No. 467/Cal/1988 filed 17 June, 1988.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 4 Claims

An improved high frequency cable for the transmission of high-frequency signals between a high-frequency line that radiates waves and a mobile antenna which comprises an inner conductor (1), a co-axial outer conductor (2) and a dielectric (3) held on the inner conductor within the outer conductor, said outer conductor having through openings on same for radiating or receiving waves, characterized in that said outer conductor is provided with two series of distinct through openings on same, a first series comprising a plurality of groups of holes (4) distributed along the axial length of the outer conductor all on a first face of the same, and a second single or plurality of groups of longitudinal slot (5) also distributed along the axial length of the outer conductor, all on a second face of the same, the said first face having the holes and the said second face having the slots being diametrically opposed to each other and wherein, the diameter of each of the holes of the said first series are smaller than the diameter of the high frequency line, while the length of each of the longitudinal slots of the said second series is greater than the diameter of the high frequency line and the width of each of the said slots corresponds to a radial angle of 30° taken in cross-section perpendicular to the longitudinal axis of the cable, the said outer cable being also provided with a protective sheath (7) on same and wherein the openings of each groups form a repeating pattern.



Compl. Specn. 10 pages.

Drgs. 1 sheet

CLASS : 32B + 40A

170112

Int. Cl. : C07C 2/08, 11/08.

## PROCESS FOR PRODUCING BUTENE—I.

Applicant : 1. INSTITUT KHIMICHESKOI FIZIKI AKADEMII NAUK SSR OF MOSKOVSKAYA OBLAST, CHERNOGOLOVKA, USSR, 2. GROZNENSKY FILIAL OKHTINS KOGO NAUCHNOPROIZVODSTVENNOGO OBIE-DINENIA "PLASTPOLIMER" OF GROZNY, USSR.

Inventors : (1) GALINA STEPANOVNA SERGIENKO, (2) VIKTOR IVANOVICH ZHUKOV, (3) GENNADY PERTOVICH BELOV, (4) FRIDRIKH STEPANOVICH DYACHKOVSKY, (5) SERGEI STEPANOVICH IVAN-CHEV, (6) ANATOLY IVANOVICH GERMASHEV (7) JURY MAXIMOVICH PETROV, (8) VALERY IGNATIE-VICH LAZUTIN, (9) VALERY ALEXEEVICH YAT-SENKO (10) MALIK SALIKHOVICH GABUTDINOV.

Application No. 531/Cal/1988 filed 28 June, 1988.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 4 Claims

A process for producing butene-1 comprising dimerization of aliphatic mono- and dihydric alcohols, aliphatic ethers, tetraalkoxide-aluminium trialkyl in a hydrocarbon solvent, followed by rectification of the reaction mass in the presence of modifying agent selected from the group consisting of aliphatic mono- and dihydric alcohols, aliphatic ethers, cyclic ethers, aliphatic ketones, amides of carboxylic acids.

Compl. Specn. 17 Pages.

Drgs. Nil

CLASS : 128G

170113

Int. Cl. : A61B 19/04.

## A METHOD FOR MAKING AN ANTIMICROBIAL MEDICAL GLOVE.

Applicant : SURGIKOS, INC., 2500 ARBROOK BOULE-VARD, ARLINGTON, TEXAS 76010, U.S.A.

Inventor : GLENN FRANCIS STOCKUM.

Application No. 600/Cal/1988 filed 18 July, 1988.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 11 Claims

A method for making an antimicrobial medical glove, said method consisting essentially of providing to an elastomeric body in the shape of a hand an inner coating containing an antimicrobial agent, such as herein described, said inner coating being capable of slowly releasing said anti-microbial agent in an amount of upto 6.9 ppm in saline and over a period of time between 0.5 to 4 hrs to maintain an essentially bacteria-free and fungusfree environment within said glove after said glove has been donned.

Compl. Specn. 17 pages.

Drgs. Nil

CLASS : 32, C, F

170114

Int. Cl. : C07C 19/00, C07c 21/00, C07c 31/13.

## AN AZEOTROPE OR AZEOTROPE-LIKE COMPOSITION OF TRICHLOROTRIFLUOROETHANE, METHANOL AND 1, 2- DICHLOROETHYLENE.

Applicant : E. I. DU PONT DE NEMOURS AND COM-PANY, WILMINGTON, DELAWARE, U.S.A.

Inventor : ROBERT ALEXANDER GORSKI.

Application No. 632/Cal/1988 filed 29 July, 1988.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 5 Claims

An azeotrope or azeotrope-like composition comprising 64 to 93% by wt 1, 1, 2-trichloro-1, 2, 2-trifluoroethane, 5 to 7% by wt methanol and 1 to 29% by wt 1, 2-dichloroethy-lene, and having a boiling point of between 38.4 to 39.7°C, when the pressure is adjusted to atmospheric pressure.

Compl. Specn. 13 pages.

Drgs. Nil

CLASS : 111

170115

Int. Cl. : B42D 15/02.

## PERSONAL IDENTIFICATION APPARATUS.

Applicant & Inventor : DAYA RANJIT SENANAYAKE, 9 ECRIN PLACE, COLOMBO 8, SRI LANKA.

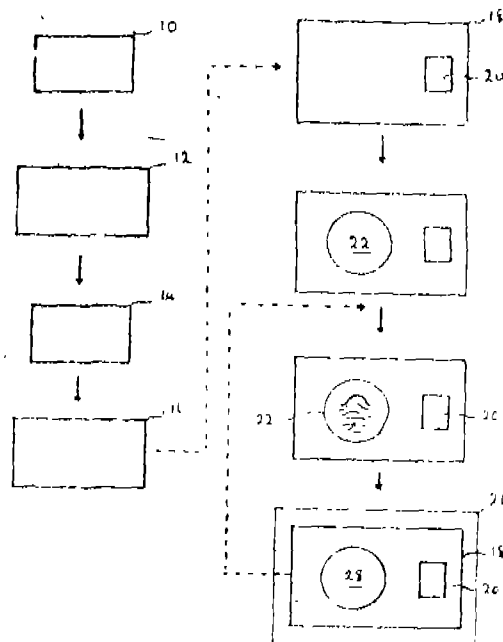
Application No. 723/Cal/1988 filed 30 August, 1988.

Convention date 02nd October, 1987, No. 9806, Sri Lanka.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 10 Claims

A personal identification apparatus comprising a card (18) and a machine-reader (26), a first area (20) with a permanent record of a singularity individual to the authorised user of the card, the card having said first area, a designated second area (22) adapted to record that singularity for a temporary period, the permanent and temporary period records being in a form permitting interrogation and comparison by the machine-reader, comparison means associated with said machine-reader for comparing said permanent and temporary period records, and indicator means coupled to said comparison means for acting on comparison of said records, the machine-reader having means for access to and for holding the said card and the said card having a plurality of designated second areas, the arrangement being such that said machine-reader is programmed not to indicate a favourable comparison from at least one but not all of said designated second areas, whereby a positive match is not indicated if the singularity individual to the authorised user of the card of a counterfeit thereof is recorded at said at least one of the designated second areas



Compl. Specn. 19 pages.

Drgs. 1 sheet.

CLASS : 27I

170116

Int. Cl. : E02D 27/34.

# A MODULAR STRUCTURE.

Applicant & Inventor : YEN T. HUANG, 9405 PINE WOOD DRIVE, DALLAS, TEXAS 75243, U.S.A.

Application No. 752/Cal/1988 filed 08 September, 1988.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

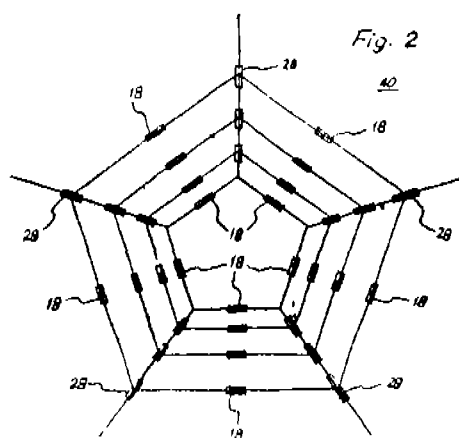
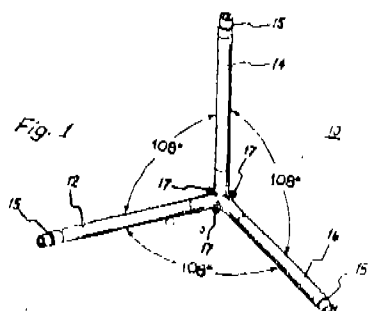
## 22 Claims

A modular structure having a plurality of horizontal space framed levels, comprising :

a plurality of sets of modular construction devices corresponding to the number of levels in the structure, the construction devices of each set each having first, second and third branches such as herein described of substantially equal length and interconnected to define a rigid Y-shape with respective space angles between each pair of said branches;

first connector means for interconnecting the corresponding first and second branches of the construction devices of each set so that the first and second branches of the construction devices of each set define a polygonal frame at a corresponding level of the structure; and

second connector means for interconnecting aligned ones of the third branches at successive levels in the structure to define corresponding legs of the structure.



Compl. Specn. 32 pages

Drgs. 12 sheets

CLASS : 40B

170117

Int. Cl. C07c 7/00, 17/38, C01B 31/18,

B01d 53/00, B01j 21/00, 23/00.

PROCESS AND APPARATUS FOR THE CATALYTIC CONVERSION OF OFFGASES CONTAINING HYDROCARBONS, HALOGENATED HYDROCARBONS AND CARBON MONOXIDE.

Applicant : DEGUSSA AKTIENGESellschaft, 6000 FRANKFURT AM MAIN, WEISSFRAUENSTRASSE 9, F. R. GERMANY.

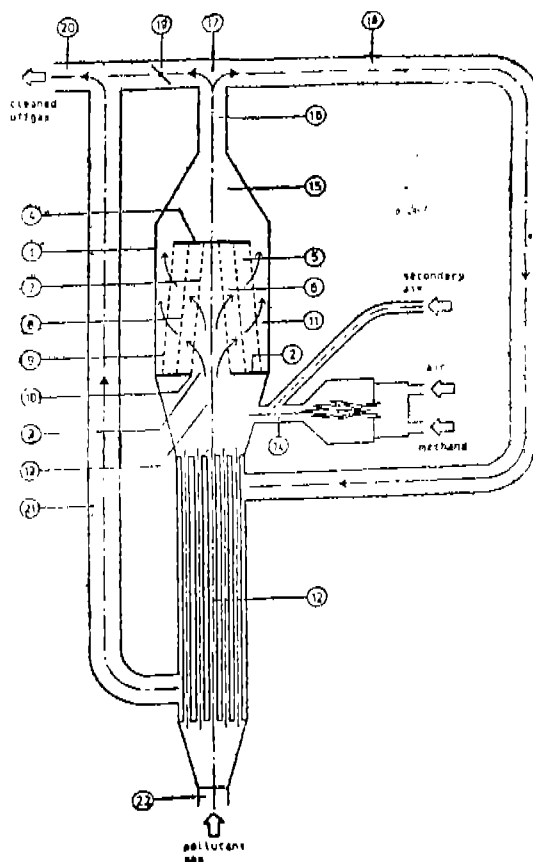
Inventors : (1) DR. KLAUS DELLER, (2) HANS MOSINGER, (3) DR. HERBERT MULLER, (4) DR. JOSEF RIEDL, (5) DR. WENZEL KUHN, (6) RUDOLF SPIELMANNLEITNER.

Application No. 753/Cal/1988 filed 08 September, 1988.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 14 Claims

Process for the catalytic conversion of offgases containing hydrocarbons, halogenated hydrocarbons and carbon monoxide, in particular from the synthesis of vinyl chloride, characterized in that the offgases initially are passed at 300—800 C, preferably 350—730 C, through a first zone containing a known catalyst for oxidative cleavage and then through a second zone containing a known catalyst for oxidative after burning at pressure at normal to 10 bar, the catalytically active substance of said catalyst in the first zone is aluminium oxide, silicon dioxide, aluminium silicate and/or a zeolite, and optionally containing 0.1—20% by weight of oxidic compounds of one or more of the elements Ba, Mg, Cu, Cr, Mn and Ni and the catalytically active substance of said catalyst in the second zone is platinum and/or palladium or platinum and rhodium, platinum and palladium being present in the weight ratio 1 : 1 and platinum and rhodium being present in the weight ratio 5 : 1—20 : 1.



CLASS : 128B

170118

Int. Cl. : A61B 17/32.

**MICROSURGERY SCISSORS.**

Applicant : (1) VSESOJUZYNY NAUCHNO ISSLEDOVATELSKY INSTITUT GLAZNYKH BOLEZNEI USSR, MOSCOW, ULITSA ROSSOLIMO, (2) INSTITUT SVERKHTVERDYKH MATERIALOV, AKADEMII NAUK UKRAINSKOI SSR, KIEV, ULITS AVTOZAVODSKAYA.

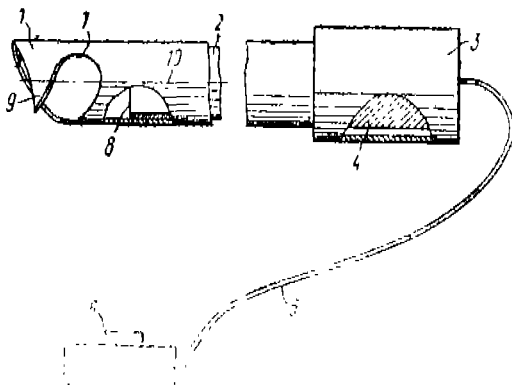
Inventors : (1) VLADIMIR ADAMOVICH DUMENEK (2) GEORGY EVGENIEVICH STOLYARENKO, (3) LEOPOLD VLADISLAVOVICH KOSOVSKY, (4) KIRA ZINOVIEVNA GORDASHNIK, (5) MIKHAIL VLADIMIROVICH NAROVLYANSKY, (6) LEV PETROVICH OGNEV, (7) IGOR VLADIMIROVICH GERASIMOV, (8) MIKHAIL VOVICH MELNIKOV.

Application No. 756/Cal/1988 filed 09 September, 1988.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

**2 Claims**

Microsurgery scissors, comprising two coaxial members made as mutually rotatable an outer tube and an inner tube, each having a cutting edge and being connected to a holder, the outer tube end is shaped as a closed helical line and has a cutting pair, the cutting edge of the inner tube forming a cutting pair when the cutting edges of said inner and outer tubes contact each other, the inner tube cutting edge is situated in a plane square with a longitudinal axis of the inner tube, and the inner tube is axially traversable and rotatable with respect to the outer tube, which is fixed stationary.



Compl. Specn. 11 pages.

Drgs. 2 sheets.

CLASS : 10A, F.

170119

Int. Cl. : F42B 11/42.

**ANTI-VEHICLE GRENADE.**

Applicant : FABRIQUE NATIONALE HERSTAL, 4400 HERSTAL, BELGIUM.

Inventor : ANDRE GABRIELS.

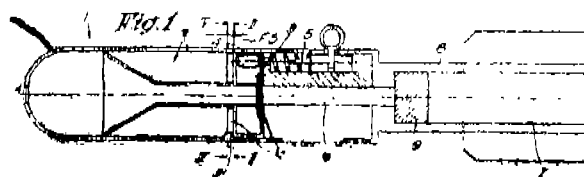
Application No. 770/Cal/88 filed 13 September, 1988.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

**28 Claims**

Anti-vehicle grenade of a type comprising a head (1) extended by a tubular tail (8), an axial bore (6) going through the head and running into the bore (7) of said tubular tail (8), characterized in that, between safety device (3), respectively detonator (4) placed asymmetrically with respect to the axis A-A of the grenade, on the one hand, and the

hollow charge (2) of the grenade on the other hand, means of transmission of the shock wave caused by detonator (4) are mounted, allowing to obtain asymmetrical firing about the axis of said hollow charge (2).



Compl. Specn. 20 pages.

Drgs. 3 sheets.

CLASS 48D<sub>2</sub> & D<sub>3</sub>

170120

Int. Cl. : A 01 B 3/64.

**A CABLE PLOUGH.**

Applicant : SIEMENS AKTIENGESellschaft, WITTELSBACHERPLATZ 2, D- 8000, MUNCHEN 2, WEST GERMANY.

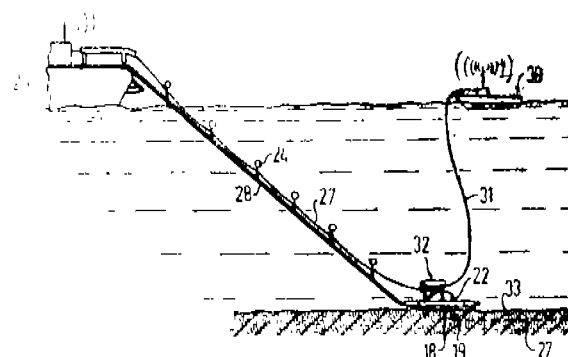
Inventors : (1) WOLFGANG GIEBEL, (2) KLAUS PICHLER, (3) DIETER KUNZE.

Application No. 783/Cal/1988 filed 19 September, 1988.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

**34 Claims**

A cable plough for laying cables in the ground, in particular in the bed of a body of water, comprising a ploughing device, a cable-laying device provided with at least one floodable float body, means being provided for controlling and regulating the functions of said cable plough.



Compl. Specn 16 pages.

Drgs. 4 sheets.

CLASS : 172-C<sub>8</sub>-[GROUP-XX]

170121

Int. Cl. : D 01 G 15/40 9/04.

**A DEVICE FOR SUPPLYING FIBRE FLOCK MATERIAL TO A FIBRE PROCESSING MACHINE.**

Applicant : MASCHINENFABRIK RIETER AG., A BODY CORPORATE ORGANISED UNDER THE LAWS OF SWITZERLAND, OF WINTERTHUR, SWITZERLAND.

Inventors : PAUL STAHELI, FRITY KNABENHAM.

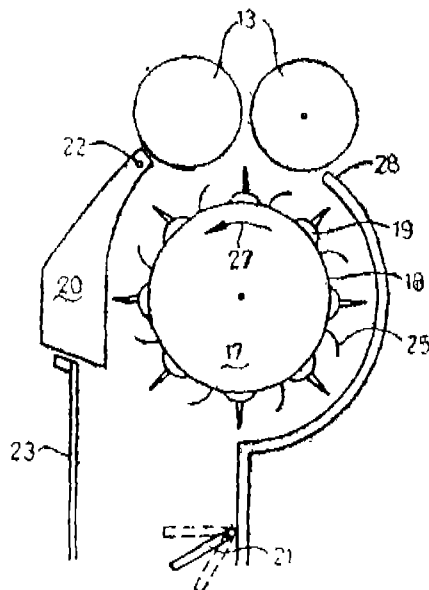
Application No. 365/Mas/87 filed May 19, 1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.



## 7 Claims

A device for supplying fibre flock material to a fibre processing machine comprising a feed device with two nipping rollers together forming a nip line and serving to feed flock material to a rotatable cylindrical opening roller characterised in that the said opening roller has needles distributed over its outer surface and extending outwardly therefrom and is located at the entrance to a feed chute leading to the processing machine, wherein strip-like vanes (25) are provided between the needles (19) on the surface (18), arranged substantially parallel to the surface generator lines thereof, said vanes are fixedly secured to the cylindrical surface of the opening roller (17) along one of their long sides and extend outwardly therefrom, the height of the said vanes (25) from the outer surface (18) being less than the height of the needles (19) from the outer surface (18).



Comp. specn. 12 pages

Drgs 1 sheet

CLASS : 32 F (1) [GROUP IX(1)]

170122

Int. Cl.<sup>4</sup> : C 07 C 97/24

## PROCESS FOR PRODUCTION OF 1-AMINOANTHRAQUINONE.

Applicant : NIPPON SHOKUBAI KAGAKU KOGYO CO., LTD. A JAPANESE BODY CORPORATE, OF 1, 5-CHOME, KORAIBASHI, HIGASHI-KU, OSAKA, JAPAN.

Inventors : 1. NORIAKI IKEDA, 2. NOBORU SUGISHIMA, 3. YASUSHI FUJII, 4. SHINJI IKETA, 5. YOSHIYUKI NAKANISHI AND 6. AKIRA INOUE.

Application No. 440/Mas/87 filed on 17th June, 1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

## 3 Claims

A process for producing 1-aminoanthraquinone comprising the steps of :

(a) oxidizing 1-nitronaphthalene in the liquid phase with an acidic aqueous solution containing ceric ion as an oxidizing agent and nitric acid or acetic acid in a concentration of 0.1 to 10 moles/liter, separating crystals containing 5-nitro-1, 4-naphthoquinone and the acidic aqueous solution containing cerium ion therefrom (2) subjecting the said 5-nitro-1, 4-naphthoquinone to Diels-Alder reaction with 1, 3-butadiene to precipitate 5-nitro-1, 4, 4a, 9a-tetrahydroanthraquinone separating the same by filtration and recovering the unreacted 1-nitronaphthalene and the solvent in the filtrate in a separation tower, and recycling the said 1-nitronaphthalene to step (a) and re-using the recovered solvent for the Diels-Alder reaction (c) reducing the said 5-nitro-1, 4, 4a, 9a-tetrahydroanthraquinone to 1-aminoanthraquinone and purifying in a known manner and (d) electrolytically

2-457 GI/91

oxidizing the acidic aqueous solution containing cerium ion separated in step (a) to convert into an acidic aqueous solution containing ceric ion and recycling the same to step (a) for re-using as the oxidizing agent.

Comp. specn. 25 pages

Drg. 1 sheet

CLASS : 116-G&amp;F [GROUP XLIX]

170123

Int. Cl.<sup>4</sup> : B 60 P 1/16; 1/44; B 66 F 9/04; 9/06

## AN AIRCRAFT LOADER HAVING AN ELEVATABLE PLATFORM SECTION WITH AN IMPROVED HYDRAULIC LIFTING MEANS.

Applicant : FMC CORPORATION, A DELAWARE CORPORATION, U.S.A., HAVING EXECUTIVE OFFICES AT 200 EAST RANDOLPH DRIVE, CHICAGO, ILLINOIS 60601, U.S.A.

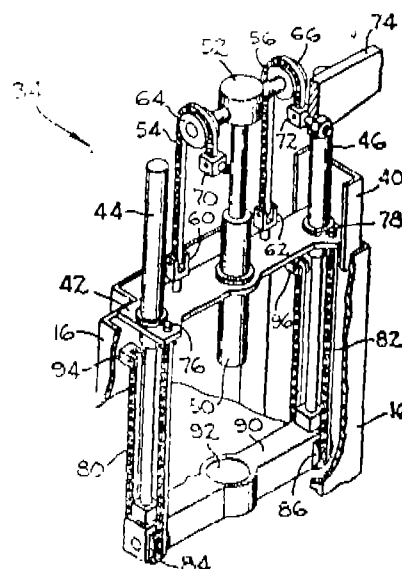
Inventor : CHARLES ROBERT STURTZ.

Application No. 493/Mas/87 filed July 13, 1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

## 11 Claims

An aircraft loader having an elevatable platform section with an improved hydraulic lifting means comprising : first movable transverse support having a pair of support guide means mounted at outboard ends of said first transverse support; a second movable transverse support having a plurality of hydraulic cylinders mounted thereto having a pair of hydraulic cylinders, each of said pair mounted for vertical displacement at outboard ends of said second transverse support, and a single hydraulic cylinder having a piston rod end mounted for vertical displacement in the center of said second movable transverse support, said pair of hydraulic cylinders having piston rod ends mounted to said first movable transverse support; first flexible support means carried on said piston rod end of said single hydraulic cylinder of said second transverse support, said flexible support means having one end thereof fixedly connected to said second movable transverse support and a second end of said flexible support means fixedly connected to said elevatable platform; second flexible support means guided by said pair of support guide means of said first transverse support, said second flexible support means having one end thereof grounded to said aircraft loader and having a second end thereof fixedly mounted to said second movable transverse support; guide frame means carried by said aircraft loader for guiding said transverse supports as they move vertically upon actuation of said first pair and said single hydraulic cylinder.



Comp. specn. 12 pages

Drgs. 1 sheet  
of size 33.00 cms, by 41.00 cms.

CLASS : 47-Ac-[GROUP-XXXII(1)]

170124

Int. Cl.<sup>4</sup> : C 10 B 55/00.**A PROCESS FOR COKING HEAVY HYDROCARBON FEEDSTOCK.**

Applicant : MOBIL OIL CORPORATION, A CORPORATION ORGANIZED UNDER THE LAWS OF THE STATE OF NEW YORK, U.S.A., OF 150 EAST, 42ND STREET, NEW YORK, NEW YORK 10017, UNITED STATES OF AMERICA.

Inventors : (1) MARK PETER BARTILUCCI, (2) MICHAEL JAMES DABKOWSKI, SOLOMON MAURICE JACOB AND (4) GRANT GEORGE KARSNER.

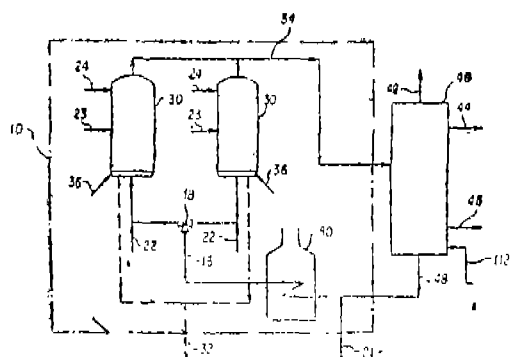
Application No. 539/Mas/87 filed July 28, 1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

**2 Claims**

A process for coking heavy hydrocarbon feedstock comprising the steps of :—

feeding heated heavy hydrocarbon feedstock and a liquid sludge of hydrocarbons such as herein described from a petroleum refinery into a delayed coker drum, coking the said feedstock and said sludge to solid porous coke and vapour by maintaining a temperature between 371°C and 593°C in the said coker drum, discharging said vapour formed therein, accumulating said porous coke in said drum, steaming said solid porous coke, quenching said steamed coke with water and recovering the coke from the coker drum in a known manner.



Comu. specn. 14 pages

Drgs. 2 sheets

CLASS : 32 C [GROUP IX (1)]

170125

Int. Cl.<sup>4</sup> : C 12 N 15/00.**PROCESS FOR PRODUCING A RECOMBINANT CONSTRUCT FOR PROVIDING A SPECIFIC EXPRESSION IN A SEED.**

Applicant : CALGENE, INC., INCORPORATED IN THE STATE OF CALIFORNIA, U.S.A., OF 1920 FIFTH STREET, SUITE F, DAVIS, CALIFORNIA 95616, U.S.A.

Inventors : (1) JEAN C. KRIDL (2) VIC C. KNAUF,

Application No. 547/Mas/87 filed on 30th July, 1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

**2 Claims**

A process for producing a recombinant construct for providing a specific expression in a seed comprises producing a DNA sequence with 5' to 3' orientation of a seed specific transcriptional initiation region, a polylinker of less than 100 bp having at least two restriction sites for insertion of

a DNA sequence under the transcriptional control of said initiation region and a transcriptional termination region by known recombinant DNA techniques wherein the sequence of said polylinker being other than the sequence of the gene naturally under the transcriptional control of said initiation region and the said transcriptional initiation and termination regions are in accordance with the napin sequence shown in figure 2 of the accompanying drawings.

Comp. specn. 38 pages

Drgs. 13 sheets

CLASS : 32 F 3 (a) [GROUP IX (1)]

170126

Int. Cl.<sup>4</sup> : C 07 C 67/08.**A PROCESS FOR THE PRODUCTION OF A DIALKYL MALEATE.**

Applicant : DAVY McKEE (LONDON) LIMITED, A BRITISH COMPANY OF 250 EUSTON ROAD, NW1 2PG, ENGLAND.

Inventors : (1) JOHN WILSON KIPPAX (2) COLIN RATHMELL.

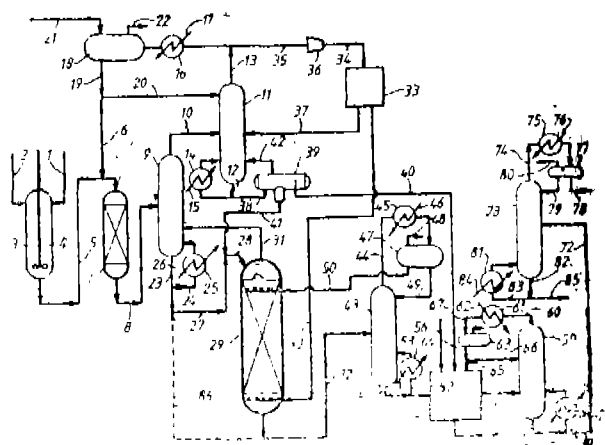
Application No. 551/Mas/87 filed on 31st July, 1987.

Convention dated 1-8-1986 No. 8618888 (Britain).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

**12 Claims**

A process for the production of dialkyl maleate comprising the steps of reacting maleic anhydride with an alkyl alcohol containing from 1 to 4 carbon atoms in mono-esterification zone to form the corresponding monoalkyl maleate feeding a first liquid stream of monoalkyl maleate to a plurality of secondary esterification zone containing solid esterification catalyst selected from ion exchange resins, containing acidic substituents selected from sulfuric acid and carboxylic acid groups, feeding a second stream of alkyl alcohol to said second esterification zone at an elevated temperature of from 100°C to 128°C to form a vaporious stream containing said alkyl alcohol, intimately contacting said first liquid feed in the said secondary esterification zone in the presence of said catalyst with said vaporious stream, recovering from said secondary esterification zone a liquid product containing said dialkyl maleate and unreacted alkyl alcohol.



Comp. specn. 48 pages.

Drgs. 6 sheets

CLASS : 42-A<sub>1</sub>-[GROUP-XVI]

170127

Int. Cl.<sup>4</sup> : A 24 D 3/00.**A FILTER FOR A CIGARETTE.**

Applicant : BROWN & WILLIAMSON TOBACCO CORPORATION, OF 1500 BROWN & WILLIAMSON TOWER, LOUISVILLE GALLERIA, LOUISVILLE, KENTUCKY 40202, U.S.A.

Inventors: (1) CHARLES GRANVILLE LAMB (2) ANDREW McMURTRIE.

Application No. 567/Mas/87 filed August 5, 1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

### 5 Claims

A filter for a cigarette comprising:

a porous filter rod of generally cylindrical configuration:

an air impermeable wrapper extending longitudinally along said filter rod from one end thereof to the other end and circumscribing said rod leaving flow-through opposed ends of said filter rod; characterised in that

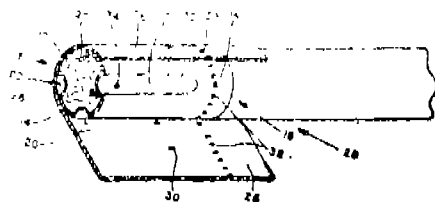
said wrapper being formed with a plurality of grooves embedded into said filter rod, each of said grooves being open at one end of said filter rod and extending therefrom in a generally longitudinal direction of said filter rod for a distance less than the length of said filter rod;

tipping material extending longitudinally of and circumscribing the wrapped filter rod;

first flow-through perforations formed through the tipping material, said first perforations being open to and in communication with said grooves providing for air flow into said grooves, said first perforations being sized for air flow therethrough and into the grooves at a first preselected pressure drop;

second air flow perforations formed through the tipping material and wrapper in a preselected area outside said grooves providing for air flow into the body of said porous filter rod, said second perforations being sized for air flow therethrough at a second preselected pressure drop greater than said first preselected pressure drop; and,

third air flow perforations formed through the wrapper in each of said grooves providing for air flow from the grooves into the body of said porous filter rod, said third perforations being sized for air flow therethrough at a third preselected pressure drop greater than said second preselected pressure drop.



Comp. specn. 11 pages

Drgs. 1 sheet

CLASS: 195-B&D [GROUP-XXIX(3)]

170128

Int. Cl.4: F 16 K 17/00

FORWARD DIRECTION CLOSING SAFETY VALVE DEVICE FOR AUTOMATICALLY SHUTTING THE GAS PIPELINE PASSAGE OFF DURING PRESSURE REDUCING FAILURE.

Applicants: MELIKA INDUSTRIAL CO., LTD., A COMPANY ORGANIZED UNDER THE LAWS OF THE REPUBLIC OF CHINA, OF NO. 3-1, LANE 1029, FONG SHIH ROAD, FONG YUAN, TAICHUN, TAIWAN, REPUBLIC OF CHINA:

AND

RONGCHAO CHUANG, A CITIZEN OF THE REPUBLIC OF CHINA, OF 113 NAN-YANG ROAD, NAN-TSU, KAOHSIUNG, TAIWAN, REPUBLIC OF CHINA.

Inventor: RONG-CHAO CHUANG.

Application No. 620/Mas/87 filed August 25, 1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

### 5 Claims

A forward direction closing safety valve derive for automatically shutting the gas pipeline passage off during pressure reducing failure comprising

a body having a gas inlet and a gas outlet;

an upper chamber provided on the upper portion of said body;

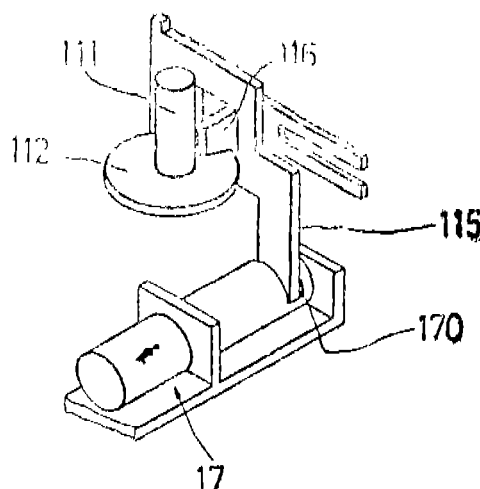
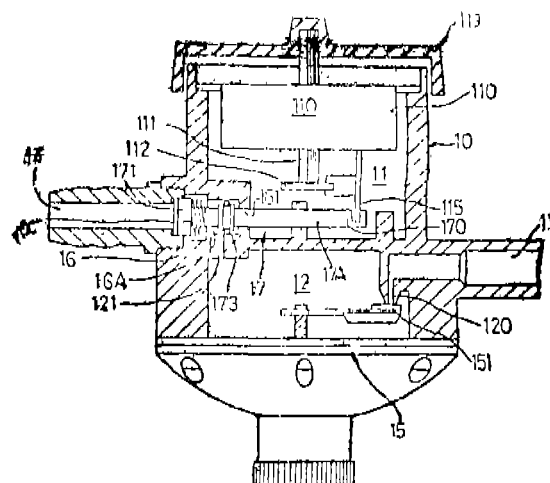
a lower chamber provided at the lower portion of said body, being a pressure transforming chamber where high pressure is transformed into low pressure;

a valve chamber provided in between said upper chamber and lower chamber and being communicated with said gas outlet and having a valve port communicated with said pressure transforming chamber;

a timing device having a cam means on output shaft thereof installed inside said upper chamber which is completely insulated from the gas passage;

a transmitting member installed under said timing device which is actuated by the cam of said timing device and produces a force which is in an opposite direction with that of said gas flow;

a forward direction closing valve provided in said valve chamber with a valve member capable of being actuated by said transmitting member and being far away from said valve port, the opening direction of said valve member being contrary to that of the pressure gas flow while the closing direction of said valve member being coincident with that of the pressure gas flow.



Comp. specn. 24 pages

Drgs. 10 sheets

CLASS : 84 A & 47 C [GROUPS XXXII (2) & 170129  
XXXII (1)]

Int. Cl.<sup>1</sup> : C 10 J 3/00.

A PROCESS AND APPARATUS FOR PRODUCING A MIXTURE OF CO AND H<sub>2</sub> FROM A RAW GAS OBTAINED FROM THE GASSIFICATION OF COAL.

Applicant : THE UNION STEEL CORPORATION OF SOUTH AFRICA LIMITED AND EDWARD L. BATEMAN LIMITED OF GENERAL HERTZOG ROAD, THREE RIVERS, VEREENIGING, TRASVAAL, R.S.A. AND BARTLETTS ROAD, BOKSBURG, NORTH, TRASVAAL, R.S.A. RESPECTIVELY COMPANIES INCORPORATED UNDER THE LAWS OF THE REPUBLIC OF SOUTH AFRICA.

Inventors : (1) PETER WILLIAM ENNIS BLOM (2) JOHANN HENDRIK WINGARD.

Application No. 759/Mas/87 filed on 20th October, 1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

#### 5 Claims

A process of producing a mixture of CO and H<sub>2</sub> from a raw gas such as a gas liquor obtained from the gassification process of coal, said process comprising the steps of : passing the raw gas through a plasma arc heater to convert at least part of the carbonaceous component together with the CO<sub>2</sub> and/or water vapour present therein or added thereto to a mixture of CO and H<sub>2</sub> in the gas conversion reaction chamber located downstream of the plasma arc heater.

Comp. specn. 8 pages

Drgs. Nil

CLASS : 55 E 1 [GROUP XIX(1)]

170130

Int. Cl.<sup>1</sup> : A 61 K 39/00.

AN IMPROVED PROCESS OF REPAIRING PERTUSSIS PROTECTIVE CORPUSCLE ANTIGENS.

Applicants : MEDICINSKA AKADEMIA—PRESIDENCY, EXISTING AND ORGANIZED UNDER THE LAWS OF BULGARIA OF D NESTOROV-STREET 15, SOFIA, BULGARIA; AND NAUCHNO-ISSLEDOVATELSKI INSTITUTE PO EPIDEMIOLOGIA I MICROBIOLOGIA "N. F. GAMALEA" EXISTING AND ORGANIZED UNDER THE LAWS OF USSR OF MOSCOW, USSR.

Inventors : 1. LYUDMILA JULINA-ZLATEVA, 2. VALENTIN IVANOV ZLATEV, 3. SVETOSLAV LYUBOMIROV TODOROV, 4. MARGARITA STEPANOVNA ZAHAROVA AND 5. INGA PARUYROVNA AMELINA.

Application No. 581/Mas/89 filed on 4th August, 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

#### 2 Claims

An improved process of preparing pertussis protective corpuscle antigens comprising cultivating pertussis microbes in a known nutritive medium, to obtain a suspension precipitating the said suspension with isotonic solution of sodium chloride to obtain a microbial mass, the improvement comprising inactivating the suspension with a solution of itaconic acid for 1 to 4 hours prior to precipitating the said microbial mass wherein the content of itaconic acid in the microbial suspension being from 3.75 mg/ml to 13 mg/ml and a pH of 3.7 to 4.2.

Comp. specn. 14 pages

Drgs. Nil

CLASS : 170 D [XL 111 (4)]

170131

Int. Cl. C 11D 10/04, CH D 9/00

#### DETERGENT BARS.

Applicants : HINDUSTAN LEVER LTD, 165/166, BACKBAY RECLAMATION, BOMBAY-400 020, MAHARASHTRA, INDIA.

Inventors : (1) SUNIL MANOHARLAL SAHNI, (2) DEVADATTA SHIVAJI SANKHOLKAR.

Application No. 275/Bom/1988 Filed on Sep 21, 1988 complete after provisional left on 18 Dec 89.

Appropriate Office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

#### 20 Claims

A detergent bar containing

(i) 25 to 60% by weight of detergent, of which at least 50% by weight is soap.

(ii) 30 to 60% by weight of solid, water-insoluble particulate structurant, which includes water insoluble polysaccharide, and

(iii) 8 to 35% by weight water.

Comp. specn. 23 pages

Drgs. Nil

Provision Specification 15 pages,

Drgs. Nil

CLASS : 53A+C+E [LJI (5)]

170132

Int. Cl. : B 62 K 1/00, 11/00.

#### A POWERED MONO-CYCLE.

Applicant & Inventor : NANDAN RAMDAS CHITTAL INDIAN NATIONAL, OF 10/6, SAHAJIVAN BARVE NAGAR, GHATKOPAR (WEST) BOMBAY-400 084, MAHARASHTRA, INDIA.

Application No. 288/Bom/88 filed on Oct., 14, 1988.

Complete after provisional left on Jan 12, 1990.

Appropriate Office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Bombay Branch.

#### 2 Claims

A powered Monocycle consisting of a rigid vehicle frame with a known type of internal combustion engine and gear-box assembly means fitted to it; and a single pneumatic tyred wheel connected by shock absorbers means to a wheel frame and the said wheel frame pivoted rotately to the vehicle frame by known suspension means so that the wheel frame has the freedom to turn to the left or right with respect to the vehicle frame and the axle of the said tyred wheel connected by a series of universal joint means to a splined shaft which slides into a hollow likewise splined shaft of a sprocketed wheel fixed to the said vehicle frame by bearing means and driven by the engine by a chain drive means; and a heavy flywheel with large moment of inertia fitted on the said vehicle frame by bearing means in a plane above the said wheel frame, to be spun about a vertical axis by an electric motor drawing current from either a dynamo or alternator coupled to the engine or a storage battery and having a selector switch means to vary the motor RPM; and a seat fixed to the said vehicle frame above the flywheel plane with a fuel tank and a handle-bar in the front; and the said handle-bar having a gear selection hand-grip with clutch lever at the left hand side to operate the gear-box assembly, and a throttle hand-grip with a brake lever at the right hand side to operate the engine power and a known type of brake assembly means respectively, and

an instrument panel in the middle consisting of known type of speedometer, odometer, tachometers for engine and fly-wheel, fuel gauge, ammeter, ignition key-switch and indicator lamps; and the handle-bar attached to the vehicle frame by a spindle and bearing means so that it may be turned to the left or right by the rider, and the spindle movement transferred by a known type of lever assembly means to the said wheel frame to turn it to the left or right accordingly; and 'H' shaped rigid stands with small rubber padded wheels at the ends, fixed to the said vehicle frame at the front and rear end respectively.

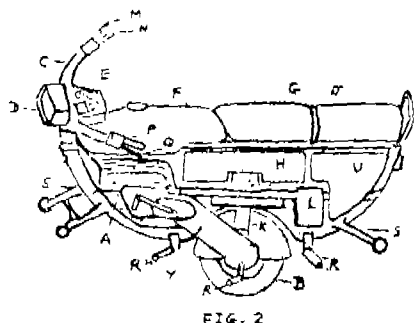


FIG. 2

Provisional specn. 3 pages

Drgs. Nil

Comp. specn. 13 pages

Drgs. 1 sheet

CLASS : 140A1 [XI(2)]+48 D 3 [VII(3)]

170133

Int. Cl. : C10M-107/28.

#### A PROCESS OF MANUFACTURING LUBRICATING FLUID FOR PULLING CABLES THROUGH DUCTS.

Applicant : GARWARE-WALL R & D DIVISION, A DIVISION OF GARWARE-WALL ROPES LTD., PLOT NO. 11, BLOCK, D-1, M.I.D.C., CHINCHWAD, PUNE-411 019, MAHARASHTRA STATE, INDIA, AN INDIAN COMPANY DULY REGISTERED AND INCORPORATED UNDER THE COMPANIES ACT, 1956.

Inventor : RAMESH MANJUNATH TELANG.

Application No. 37/Bom/1989, filed on 9-2-1989.

Appropriate Office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Bombay Branch.

#### 1 Claim

A process of manufacturing lubricating fluid for pulling cables through ducts comprising a water soluble polymer and a water based fluid medium characterised in that the said lubricating fluid is a mixture of 4 to 12 parts of polymer paste of suitable acrylates such as Methyl methacrylate, Butyl acrylate, Sodium acrylates are mixed with 2 to 4.5 parts of emulsifier such as Sodium stearates, Oleates along with 3 to 5 parts of surfactants such as non ionic ethylene oxide condensates, all mixed together and 75 to 85 parts of water is added as a vehicle, the viscosity of the medium being kept between 200 to 450 centi strokes and pH is maintained between 7.5 to 9.5 by adding an alkali such as NaOH or the like.

Complete Specification 5 pages.

Drawing Nil

CLASS : 47E [XXXII(1)]

170134

Int. Cl. : C 10 B-25/02.

#### AN IMPROVED COKE OVEN DOOR.

Applicants : M/s. SIMPLEX CASTINGS LTD : 5A, INDUSTRIAL ESTATE, BHILAI-490 026, MADHYA PRADESH, INDIA.

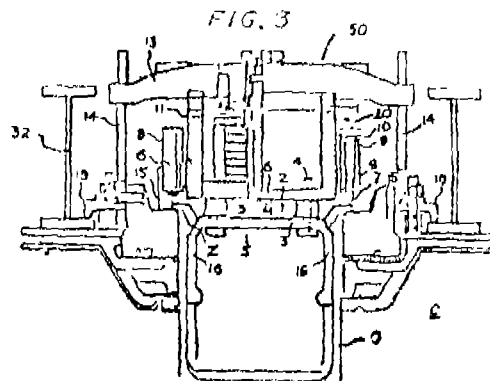
Inventor : NAVIN SHAH.

Application No. 55/Bom/89 filed Mar 2, 1989.

Appropriate Office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Bombay Branch.

#### 5 Claims

A door for a coke oven of the type having an oven opening with a receiving frame extending around the opening, said door comprising a door body having a front face facing the oven, a sealing plate secured to said front face of the door body, said door body having knife edges mounted on the sides thereof in close contact with the body and which engage against said receiving frame characterized in that said sealing plate has an annular peripheral portion with an inward flange directed inwardly toward the receiving frame, a plurality of spacers between said sealing plate and said door body holding said sealing plate in spaced relationship to said door body and defining a vent space therebetween, a plurality of vent opening in said door body along the height thereof for venting said space along its complete height biasing means which biasing said inward flange against the said receiving frame to seal the periphery of said plate to the coke oven receiving frame, a support arm extending outwardly from each side of said door body adjacent the upper and lower portions thereof and bearing against the receiving frame to adjust the position of the door body with respect to the frame, said biasing means having a plurality of spring holders carried by said door body, each spring holder having a spring therein and engaging means movable in each said spring holders engageable with said flange on the exterior thereof.



Comp. specn. 12 pages

Drgs. 2 sheets

CLASS : 116C G (XLIX) + 133A [LIX(3)]

170135

Int. Cl. : B 66B-1/06, G06F-9/00.

#### APPARATUS FOR PERFORMING GROUP CONTROL ON ELEVATORS.

Applicants : KABUSHIKI KAISHA TOSHIBA, A CORPORATION DULY ORGANIZED AND EXISTING UNDER THE LAWS OF JAPAN, LOCATED AT 72 HORIKAWA-CHO, SAIWAI-KU, KAWASAKI-SHI, JAPAN

Inventor : SUSUMU KUBO.

Application No. 80/Bom/1989 filed on 29-3-1989.

Appropriate Office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Bombay Branch.

#### 3 Claims

(Type Cl 1)

An apparatus for performing group control on elevators, wherein a plurality of elevators are operated for a plurality of floors, a predetermined evaluation calculation is performed for each of the plurality of elevators upon generation of a hall call, an optimum elevator car is selected on the basis of an evaluation calculation result, and the selected elevator car is assigned to the hall call, thereby responding to the hall call, said apparatus comprising;

Unit control means, arranged in units of cars of the elevators, for controlling unit control of each car and inputting outputting information associated with its own car; and a plurality of group control means for performing the evaluation calculation for determining hall-call assignment in units of cars on the basis of the information associated with its own car and for performing group management of each elevator car on the basis of an evaluation calculation result; said unit control means and group control means being connected to a high speed transmission system; a low speed transmission system connected in parallel with said group control means to control hall calls, said transmission systems being communicating means for causing said unit control means and group control means to communicate with each other through a first data field and causing said unit control means and said group control means to communicate with each other through a second data field independent from said first data field.

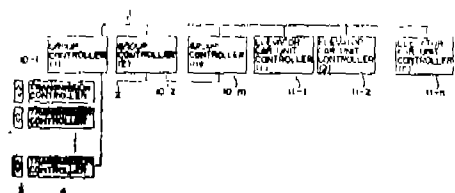


FIG. 1

Comp. specn. 56 pages

Drgs. 19 sheets

CLASS : 1/0 D [XLIII (4)]

170136

Int. Cl. : C 11D 9/00.

TRANSPARENT SOAP COMPOSITION IN BAR FORM AND METHOD OF MAKING SAME.

Applicants : HINDUSTAN LEVER LIMITED, HINDUSTAN LEVER HOUSE 165/166 BACKBAY RECLAMATION, BOMBAY-400 020.

Inventors : (1) TERRY INSTONE (2) MARCO BOTTAPELLI.

Application No. 81/Bom/1989 filed on 30-3-1989.

U.K. Priority Date 31-3-1988.

Appropriate Office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Bombay Branch.

## 15 Claims

A transparent soap composition in bar form comprising with respect to the total composition 40 to 65 wt % of a soap mixture and 60 to 35 wt % of a solvent system, wherein the solvent system includes with respect to the total composition 5 to 15 wt % short chain ( $C < 4$ ) monohydric alcohol or a mixture of said monohydric alcohols, 5 to 20 wt. % water and 15 to 40 wt % of a mixture of trialkanolamine and polyol or blend of polyols, the said trialkanolamine/polyol mixture having a ratio in weight terms of trialkanolamine to polyol or polyols lying within the range 1 : 3 to 1 : 0.25, the total composition comprising not more than 10 wt % trialkanolamine.

Comp. Specn. 21 pages

Drgs. Nil

CLASS : 103 [XLV (1)], 188 [XXXIII (9)]

170137

Int. Cl. : C 23 F-11/00, 11/18.

A METHOD OF PRODUCING MIRRORS WITH A PROTECTED SILVERED SUBSTRATE.

Applicants : LUZ INDUSTRIES ISRAEL LTD., (A REGISTERED ISRAELI CORPORATION) AT HAR HAHOTZVIM, P.O. BOX, 7929, JERUSALAM, ISRAEL 91079.

Inventors : 1. ELGAT ZVI. 2. WARSCHAWSKI JOEL.

Application No. 115/Bom/1989 filed on 1-5-1989.

Appropriate Office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Bombay Branch.

## 4 Claims

A method of producing mirrors by providing protected silvered substrate, which includes the steps of providing layers in combination of :

a substrate having layer of substantially silver deposited thereon;

a layer of aluminium oxide secured to said layer of silver, and

a layer of silicon dioxide secured to said layer of aluminium oxide;

characterized by a layer of zinc sulfide between said layer of substantially silver and said layer of aluminium oxide to improve the adhesion of said alumina to said silver.

Comp. Specn. 17 pages

Drgs. Nil

CLASS : 189-LXVI(9)

170138

Int. Cl. : A-61k 7/06, 7/48.

AN AQUEOUS COSMETIC COMPOSITION CONTAINING ESTER OF PYROGLUTAMIC ACID.

Applicant : HINDUSTAN LEVER LIMITED, HINDUSTAN LEVER HOUSE, 165/166, BACKBAY RECLAMATION, BOMBAY-400 020, MAHARASHTRA, INDIA, A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1913.

Inventor : IAN RICHARD SCOTT.

Application No. 125/Bom/89 filed May, 11, 1989.

Convention priority date 13, May, 1988.

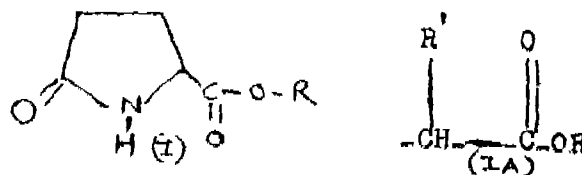
Appropriate Office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Bombay Branch.

## 13 Claims

1. An aqueous composition for topical application to human skin which comprises :

(i) from 0.01 to 20% by weight of an ester of pyroglutamic acid having the structure (I) of the accompanying drawings.

where R' and R'' are the same or different and are each related alkyl group having from 1 to 12 atoms, or the group (IA),



where R' and R'' are the same or different and are each represented by H or the group (II).

$(CH_2=CH)_Z$  (II)

where either u or v is 1 and the other of them is 0

w is zero, or an integer of from 1 to 21

x is zero, or an integer of from 1 to 4

y is zero, or an integer of from 1 to 2

$z$  is zero, or an integer of from 1 to 4; and

$u+v+w+x+y=2$  is an integer of from 1

to 22;

the subgroups within the group (II) being in any sequence; provided that when the subgroup (CH=CH) is present, then the total number of carbon atoms in said group (III) will be from 10 to 20; and

(ii) from 1 to 99.99% by weight of a cosmetically acceptable aqueous buffer such as herein described having an effective pH of from 2 to < 7.

Comp. specn. 32 pages

Drawing 1 sheet

CLASS : 179 B, [XL(6)]; 99 E [XL(4)]

170139

Int. Cl. : B 67C-3/00, B 65D-41/00.

**A NON-SPILLABLE CONTAINER HAVING IN COMBINATION A CONTAINER, A COVER AND A HOLDING MEMBER.**

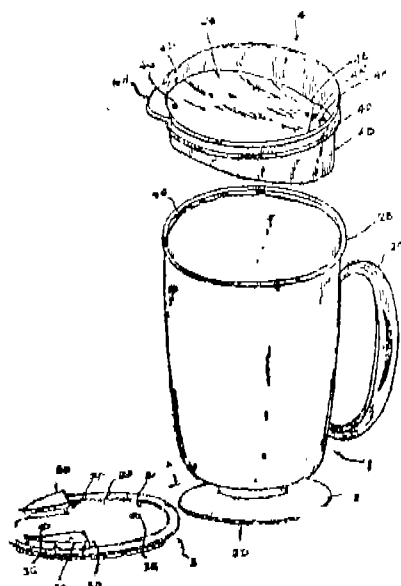
Applicants : PRAHLAD SITARAM DEORA, AN INDIAN NATIONAL C/O MIPAK PLASTICS PVT. LTD., 16 KHETAN BHAWAN, 198, J. TATA ROAD, BOMBAY-400 020, MAHARASHTRA, INDIA.

Application No. 171/Bom/1989 filed Jun. 21, 1989.

Appropriate Office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Bombay Branch.

15 Claims

A non-spillable container having in combination a container, a cover and a holding member for use on vehicles in motion comprising a container such as a mug or tumbler or a jug having a top hollow portion and lower bottom portion with a container holding member adapted to be fitted in a conventional manner to the body of the said vehicle, said holding member having a groove and one or more holding members for holding the bottom portion of the container, the container having its open end a non-spillable tightly fitting closure or cover, the said cover being provided with a substantially slanting bottom surface such that when the cover is fitted on the container, the upper end of the slanting surface is towards the top of the container, while the lower end of the slanting surface descends into the container, said bottom surface having an air entry hole at its bottom surface nearer the vertical wall of the cover and closer to the descended end and a liquid outlet hole nearer the top ascending end of the slanted surface.



Comp. specn. 14 pages

Drgs. 2 sheets

CLASS : 199 F5 [XXI (3)]

170140

Int. Cl. : D0 3 J. 5/08.

**AN IMPROVED DEVICE FOR HOLDING THE PIRN IN THE SHUTTLE FOR NON AUTOMATIC LOOMS.**

Applicants : AHMEDABAD TEXTILE INDUSTRY'S RESEARCH ASSOCIATION, PO-POLYTECHNIC AHMEDABAD-380 015, GUJARAT, INDIA.

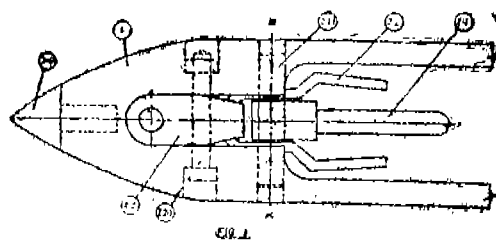
Inventors : 1. MAHENDRAKUMAR GHELABHAI SOLANKI, 2. MAHESH CHANRA PALIWAL.

Application No. 246/Bom/1990 filed Sep. 20, 1990.

Appropriate Office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Bombay Branch.

7 Claims

An improved device for holding pirn in the shuttle with perfect alignment of the pirn tip with respect to shuttle eye in a non-automatic looms comprising a tongue free to oscillate about X-X axis around the non-metallic peg and a jaw having spring action and grooves in the inner face to grip the pirn head having rings equally spaced similar to said grooves, the said pirn being further provided with a blind hole in which tongue is inserted while inserting the pirn in the shuttle.



Comp. specn. 6 pages

Drgs. Nil

Prov. Specn. 5 pages

Drg. 1 sheet

CLASS : 27L, 58B

170141

Int. Cl. E 06 B 1/00, 1/24.

**A PRECAST CONCRETE FRAME FOR DOORS, WINDOWS, VENTILATORS AND OTHER LIKE PROVISIONS FOR BUILDINGS.**

Applicant : and Inventor : RAMESHWAR AGRAWAL, KANHAULINAKA, MUZAFFARPUR, BEHAR, INDIA.

Application No. 545/Cal/1988 filed 04 July 1988.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

19 Claims

A precast concrete frame for doors, windows, ventilators and other like provisions for buildings, consisting of multiple discrete pieces or elements/components of solid geometrical shape(s) for use as vertical/horizontal/dividing pieces or elements/components of said frame, characterised in that relatively thick blocks of predetermined shapes and sizes made of reinforced concrete material are casted at the end/ends of each of said pieces or elements/components, which act as male members and grooves of similar shapes and sizes are casted at the end/ends of each said corresponding pieces or elements/components, which act as female members with additional reinforcements provided at the regions of said blocks and grooves for formation of stable and rigid joints between the corresponding sets or pairs of said vertical/horizontal/dividing pieces or elements/components at the time of erection of said frame at site and further that metal plates are rigidly interlocked to the reinforcements of said pieces or elements/components prior to casting thereof.

said pieces or elements/components being provided with bore holes approaching said metal plates in at least one direction from outside for secure fixing of hinges, for fitting door/window shutters to said frame, by means of a bolt passing through said bore hole and a hole in said metal plates from one side and a nut from the other side thereof and for secure living of tower bolts and like accessories in threaded metal tubes rigidly attached to said metal plates substantially perpendicular to the surface thereof.

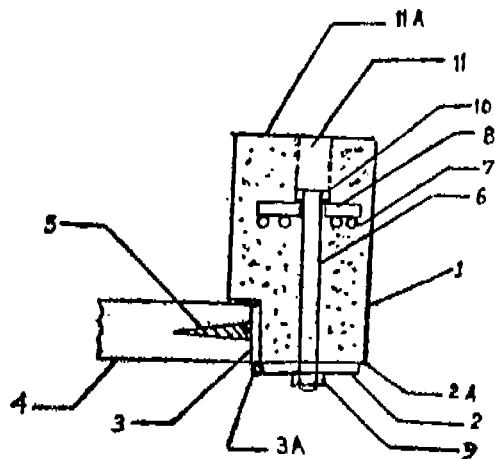


Fig. 9

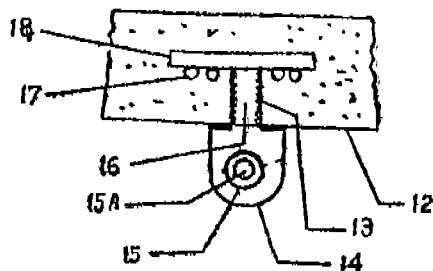


Fig. 10

Comp. specn. 17 pages

Drgs. 2 sheets

CLASS : 180

170142

Int. Cl. : F 24 C 3/00.

## A LIQUIFIED PETROLEUM GAS STOVE.

Applicant & Inventor : GHANASHYAM SHANKAR  
TASGOANKAR FLATS 1-B & 1-C, MONALISA, 17  
CAMAC STREET, CALCUTTA-700 017, INDIA.

Application No. 671/Cal/1988 filed 08 August 1988.

Appropriate office for opposition proceedings (Rule 4,  
Patents Rules, 1972) Patent Office, Calcutta.

## 3 Claims

A liquified petroleum gas stove comprising a burner head connected to a regulator through a mixture tube, a utensil support assembly having a plurality of inwardly directed arms towards the burner assembly, a pan provided below the said burner, wherein an insulating tube is provided between the burner head and the mixture tube and the free end of each of the arms of said utensil support assembly is provided with an insulating pad.

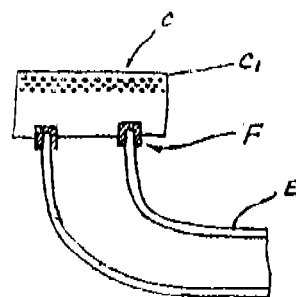


Fig. 1

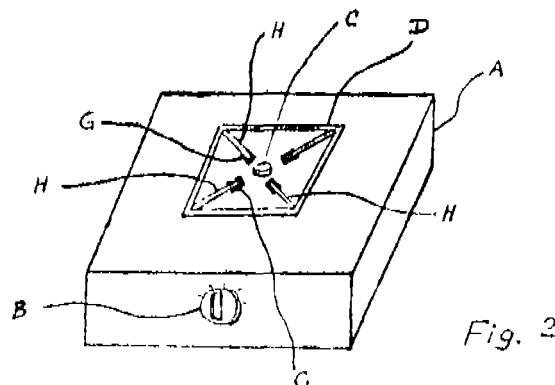


Fig. 2

Comp. specn 10 pages.

Drgs. 1 sheet

CLASS : 32F3(a)

170143

Int. Cl. : C07C 121/32.

## PROCESS FOR THE PREPARATION OF ACRYLAMIDE.

Applicant : MITSUI TOATSU CHEMICALS, INCORPORATED,  
2-5, KASUMIGASEKI 3-CHOME, CHIYODAKU, TOKYO, JAPAN.

Inventors : (1) YOSHIHIKO KAMBARA, (2) ITSUO  
OONAKA, (3) KOICHI ASAO, (4) KYOKO FUKUSHIMA.

Application No. 992/Cal/1988 filed 01 December, 1988.

Appropriate office for opposition proceedings (Rule 4,  
Patents Rules, 1972) Patent Office, Calcutta.

## 9 Claims

A process for the preparation of acrylamide which comprises reacting acrylonitrile with water characterized in that the reaction is effected in the presence of a Raney copper catalyst obtained by solidifying at a cooling rate of not less than  $1 \times 10^4$  K/Sec a molten Raney copper alloy, in an aqueous mixture in a ratio of 0.5 to 10 parts water and 1 part of acrylonitrile at a temperature of from  $90^\circ$  to  $150^\circ\text{C}$ .

Comp. Specn. 23 pages.

Drgs. 1 sheet.

CLASS : 32F2a

170144

Int. Cl. : C07C 101/453.

## METHOD FOR THE PREPARATION OF AN ANILINO-FUMARATE.

Applicant : AMERICAN CYANAMID COMPANY,  
TOWNSHIP OF WAYNE, STATE OF NEW JERSEY,  
U.S.A.

Inventor : DONALD ROY MAULDING.

Application No. 107/Cal/90 filed 05 February, 1990.

Divided out of No. 477/Cal/87 Ante dated to 18th June,  
1987.

Appropriate office for opposition proceedings (Rule 4,  
Patents Rules, 1972) Patent Office, Calcutta.



## 3 Claims

A method for the preparation of an anilinoformate, which comprises: reacting a dichlorosuccinate of formula I of the accompanying drawings wherein R is C<sub>1</sub>-C<sub>4</sub> alkyl, with a molar equivalent of aniline in an inert organic solvent and 2 or greater molar equivalent of an aqueous base in the presence of a phase transfer catalyst at a temperature of about 20°C to 90°C for about 1 to 24 hours.



FORMULA (I)

Compl. Specn. 20 pages.

Drgs. 5 sheets

CLASS : 55E2

170145

Int. Cl. : A61K 7/48

METHOD OF MAKING A COMPOSITION FOR MOISTURISING, CLEANSING AND CONDITIONING HUMAN SKIN TISSUE.

Applicant : DERMASCIENCES, INC., 121 WEST GRAC STREET, OLD FORGE, PENNSYLVANIA 18518, U.S.A.

Inventor : MARY GERALDINE CLARK.

Application No. 144/Cal/1990 filed 14 February, 1990.

Divisional Application No. 184/Cal/88 Ante dated to 02 March, 1988.

Convention date 23-03-1987, No. 532,691 CANADA.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 8 Claims

A method of making a composition of moisturizing, cleansing and conditioning human skin tissue comprising adding 0.05 to 50 mg per 100 ml, of a chelating agent, such as herein described, to an aqueous medium, such as herein described, to provide a resultant solution with a pH in the range of from 4.3 to 6.8, mixed with a topical ointment comprising a non-systemic basic component such as herein described and having a pH in the range from 6.5 to 9.0, and adjusting the pH level of the said medium and the ointment such that the normal pH of healthy tissue at the localized area to which the medium and ointment are to be applied, is approximately at the median of such levels.

Compl. Specn. 40 pages.

Drgs. 1 sheet.

CLASS : 68E-1

-170146

Int. Cl. : H02J 4/00.

IMPROVED POWER SUPPLY FOR TOTEM POLE POWER SWITCHES.

Applicant : INTERNATIONAL CONTROL AUTOMATION FINANCE S.A. VILLE DE LUXEMBOURG, 16 RUE DES BAINS, LUXEMBOURG.

Inventors : (1) JOHN JAMES FRY, (2) EDWARD BASTIANIC AND (3) JOHN WALTER ROBERTSON JR.

Application No. 176/Cal/1990 filed 06 March 1990.

Divisional Office No. 669/Cal/87 Ante dated to 25 August, 1987.

3-457 GI/91

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 2 Claims

A system for supplying power to switches arranged in a totem pole circuit configuration comprising :

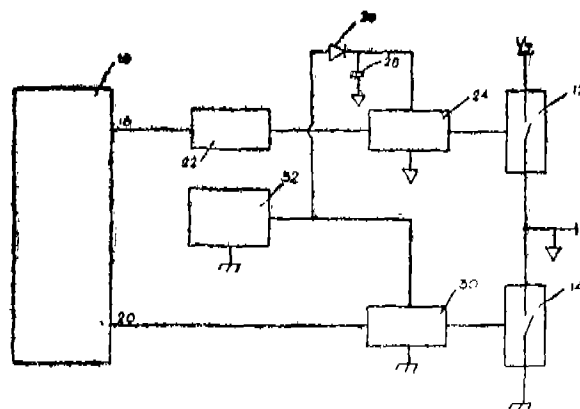
a first switch;

a second switch electrically connected to said first switch in a totem pole configuration and having an output therebetween;

a power supply electrically connected to said first switch and said second switch;

energy storage means electrically connected to said first switch and said power source; and

means for controlling the periodic operation of said first switch and said second switch resulting in the periodic charging and discharging of said energy storage means and the periodic application of a predetermined voltage at said output of said first and second switches.



Compl. Specn. 9 pages.

Drgs. 1 sheet.

CLASS : 155 F, 27I

170147

Int. Cl. : E04B 1/94.

FIRE-RESISTANT COMPOSITION PARTICULARLY FOR INTERIOR OF BUILDINGS AND PROCESS OF PRODUCING SAME

Applicant & Inventor : JAE WOON KIN, 408-508, JUNG-ONG 4TH APARTMENT, 896 MAETAN-DONG, SUWON, KYUNGGI-DO, THE REPUBLIC OF KORIA.

Application No. 267/Cal/1990 filed 30 March, 1990.

Divisional out of No. 439/Cal/87 Ante dated to 03 June, 1987.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 4 Claims

A fire-resistant composition, particularly for interior of buildings, comprising an admixture of the following first and second compositions, which are mixed at a 1:1 to 1:2 ratio, wherein :

the first composition comprises a mixture of :

Agent A, which is made by diluting a 1:1 mixture of calcium chloride and boric acid with 1-2 times as much water,

Agent B, which is made by mixing 35%—45% silicone resin, 35%—45% sodium silicate, and 10%—30% polyvinyl acetate resin, and

Agent C, which is made by mixing 50%—70% ammonium mono phosphate and 30%—50% silica gel;

wherein agents A and B are mixed at a 1:1 to 2:1 ratio; and wherein the A-B mixture is mixed with agent C at a 2:1 to 3:1 ratio;

and the second composition comprises a mixture of: a powder D, which is made by mixing an aqueous solution of boric acid with paper powder at a 1:3 to 1:6 ratio to form an adhesive mixture and grinding it to a powder of 200—450 mesh, and then drying it, wherein said boric acid solution is made by mixing 10% to 25% boric acid with 75% to 90% water;

earth/rock powder which is made by mixing yellow soil, sand and waste coal at a 1:1:1 ratio which is reduced to 200—450 mesh, mixed with 10%—20% water, and heated at 800—1200 degrees C; and diatomite powder;

wherein said powder D, diatomite powder and earth/rock powder are mixed in a ratio of 20%—30% : 25%—35% : 35%—55%.

Compl. Specn. 12 pages.

Drgs. Nil

CLASS : 123

170148

Int. Cl. : C05C 5/00:

**METHOD OF PRODUCING AN ATTRITION-RESISTANT, CONTROLLED RELEASE FERTILIZER COMPOSITION.**

Applicant : MELAMINE CHEMICALS, INC., 811 RAILROAD AVENUE, DONALDSONVILLE, LOUISIANA 70346, U.S.A.

Inventor : WILLIAM PERCY MOORE.

Application No. 366/Cal/1990 filed 03 May, 1990.

Divisional out of No. 650/Cal/87 Ante dated to 18 August, 1987.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 4 Claims

Method of producing an attrition-resistant, controlled release fertilizer composition comprising reacting moieties of component (A) which is a water-soluble central mass of plant food compound in particulate form containing reactive functional groups amounting to at least 10% with component (B) which is a monomer-type component having reactive functionality as herein described and component (C) which is present as a water-insoluble polymeric sealing layer; wherein said components (A), (B) and (C) are selected in order that the reactive functionality of each of components (A) and (C), and with the ratios of said components (A), (B) and (C) being selected whereby component (B) is present in an amount sufficient to provide reaction sites for reaction with substantially all of the reactive functionality at the surface of said particles of component (A) and to react with the reactive functionality on component (C) thereby forming particles of component (A) having a sealing layer of component (C) thereon and with components (A) and (C) being chemically linked together through component (B).

Compl. Specn. 32 pages.

Drgs., Nil.

CLASS : 42D

170149

Int. Cl. : A24D 1/00.

**SMOKING ARTICLE AND METHOD OF PREPARING SAME.**

Applicant : P. H. GLATFELTER COMPANY, 228 SOUTH MAIN STREET, SPRING GROVE, PENNSYLVANIA 17362, U.S.A.

Inventor : RICHARD HUGO MARTIN.

Application No. 827/Cal/1990 filed 24 September, 1990.

Divisional out of No. 754/Cal/88 Ante dated to 08 September, 1988.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 20 Claims

A smoking article comprising a tobacco charge and a wrapper for the tobacco charge; said wrapper comprising a cellophane fiber sheet containing, as filler, 2 to 40% by weight freshly precipitated magnesium hydroxide and 5 to 60% by weight particulate magnesium hydroxide applied to the fibers of the sheet.

Compl. Specn. 17 pages.

Drgs. Nil.

CLASS : 32F<sub>2</sub>(a)

170150

Int. Cl. : C07C 103/00.

**PROCESS FOR PRODUCING NOVEL BENZAMIDE DERIVATIVE.**

Applicant : HODOGAYA CHEMICAL CO. LTD., 4-2, TORANOMON 1-CHOME, MINATO-KU, TOKYO, JAPAN.

Inventors : (1) TAKEO MOTEKI, (2) MITSUMASA YAMAZAKI, (3) HIROYUKI IGUCHI AND (4) KAORU KASAHARA.

Application No. 919/Cal/1990 filed 01 November, 1990.

Divisional out of No. 610/Cal/88 Ante dated to 21 July, 1988.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 3 Claims

A process for producing a benzamide derivative of the formula I wherein R is hydroxyl, alkoxy, alkoxyalkoxy, alkoxyalkoxyalkoxy, alkenylalkoxy, alkenylalkoxyalkoxy, alkynylalkoxy, alkynylalkoxyalkoxy, monoalkylamino, dialkylamino or O-cat wherein cat is an inorganic or organic cation, which comprises reacting 4-(2, 3-dichlorophenylcarbamoyl)-phenoxyacetyl chloride with a compound of the formula RH wherein R is as defined above, at room temperature in an aqueous solution or in an organic solvent such as acetone, toluene or dioxane

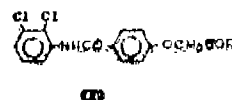


TABLE I

COMPOUND NO.	CHEMICAL FORMULA	MELTING POINT (°C)
1		190 - 199.5
2		126 - 129
3		181 - 186
4		130 - 132
5		132 - 136
6		114 - 118
7		149 - 151.5

Compl. Specn. 45 pages.

Drgs. 4 sheets.

CLASS : 206-E-[GROUP-LXII]

170151

Int. Cl.<sup>4</sup> : H 01 Q 21/00.**AN ANTENNA SELECTOR FOR A BROADCAST TRANSMITTING CENTRE.**

Applicant : BBC BROWN BOVERI AG., A SWISS COMPANY, OF HASELSTRASSE 16, CH 5401 BADEN, SWITZERLAND.

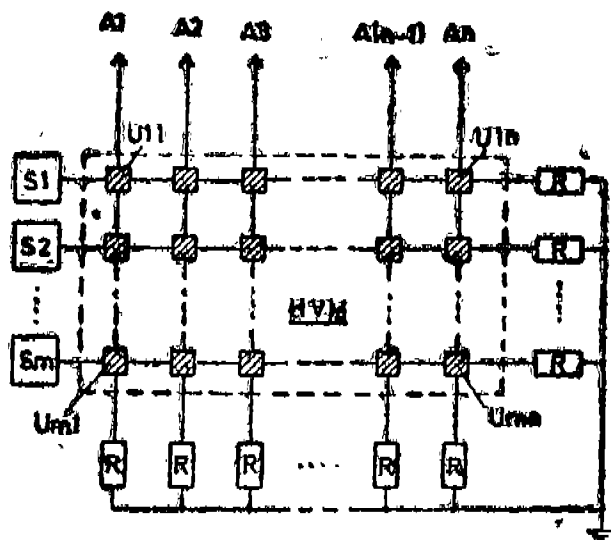
Inventors : (1) HANS ULRICH BOKSBERGER, (2) MARKUS JUD, (3) ANTON WETTSTEIN.

Application No. 756/Mas/87 filed October 20, 1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972). Patent Office, Madras Branch.

**7 Claims**

An antenna selector for a broadcast transmitting center, the said antenna selector having the form of a radio frequency distribution matrix (HVM); the elements of this matrix being formed by switching points (Uxy, UIII, ..., Umn); the rows of this matrix being associated with a corresponding number of transmitters (S1, ..., Sm); the columns of this matrix being associated with a corresponding number of antennas (A1, ..., An); at the switching point (uxy, UII, ..., Umn), circuit breakers being arranged in each case with the aid of which connections between the transmitters (S1, ..., Sm) and the antennas (A1, ..., An) are optionally switchable; breaker motors (12) with corresponding motor contactors (Mxy, MII, ..., Mmn) being provided at the switching points (Uxy, UII, ..., Umn) of the radio frequency distribution matrix (HVM) for operating the circuit breakers (1, 2); the motor contactors (Mxy, MII, ..., Mmn) being arranged in the form of a matrix which corresponds to the radio frequency distribution matrix (HVM); the motor contactors (Mxy, MII, ..., Mmn) being combined by rows and columns within the matrix, in such a manner that all motor contactors of one row have a common signal return line whilst the motor contactors of one column line are attached to a common feedline via one diode (4) each; each of the common return lines being connected via first switches to a common ground; and each of the common feedlines being connected to a common supply voltage via second switches.



Comp. Specen 19 pages.

Drgs. 3 sheets.

CLASS : 128 F [GROUP XIX(2)]

170152

Int. Cl.<sup>4</sup> : A 61 M 3/00.

A 61 M 5/315

**A DISPOSABLE SYRINGE.**

Applicant : STERIMATIC HOLDING LIMITED, A BRITISH VIRGIN ISLANDS COMPANY, OF PO BOX 91, CRAIGMUIR CHAMBERS, ROAD TOWN, TORTOLA, BRITISH VIRGIN ISLANDS.

Inventor : JOHN STEWART PARRY.

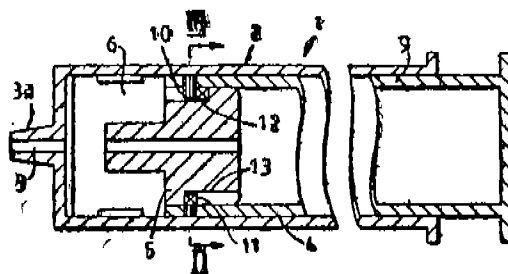
Application No. 766/Mas/87 filed on 23rd October 1987.

Convention dated 24th October 1986, No. 8625506; U.K.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972). Patent Office, Madras Branch.

**11 Claims**

A disposable syringe comprising a hollow cylindrical barrel, characterised in that a plunger which delimits a chamber within the barrel and which is longitudinally reciprocable within the barrel to draw liquid into, and expel liquid from the chamber by way of an outlet, and deactivating means which, after the plunger has been moved to a position to expel the liquid from the chamber, prevents further liquid from being drawn into the chamber.



Compl. Specn. 23 pages

Drgs. 3 sheets.

CLASS : 33-F-[GROUP-XXXIII(3)]

170153

Int. Cl.<sup>4</sup> : B 22 D 11/04, B 22 C 9/06.**MOLD FOR THE CONTINUOUS CASTING OF STEEL STRIP.**

Applicant : SMS SCHLOEMANN-SIEMAG AKTIENGESELLSCHAFT OF EDUARD-SCHLOEMANN-STRASSE 4, 4000 DUSSELDROF 1, FEDERAL REPUBLIC OF GERMANY, A GERMAN COMPANY.

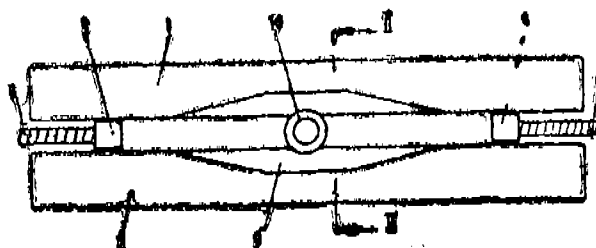
Inventors : (1) HANS STREUBEL, (2) RAINER GOLLA, (3) MANFRED KOEAKOWSKI.

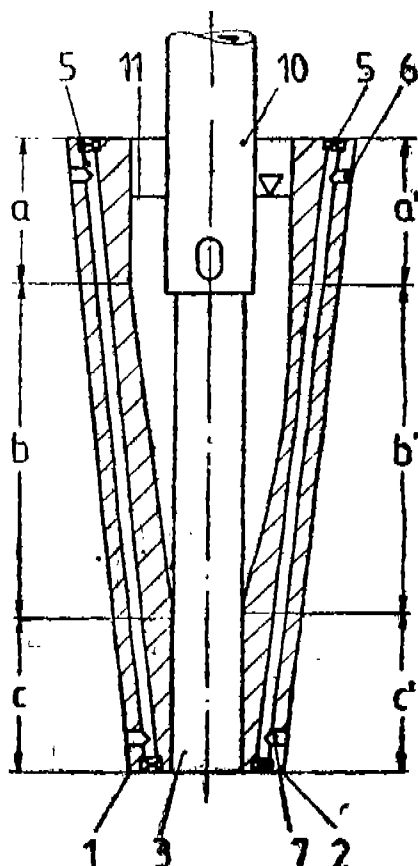
Application No. 813/Mas/87 filed November 10, 1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972). Patent Office, Madras Branch.

**4 Claims**

A mold for the continuous casting of steel strip, having colled wide side walls and narrow side walls wherein the wide side walls form a funnel shaped pouring in region which is reduced towards the narrow sides and in the casting direction to the format of the cast strip, said pouring in region comprising : a first strand shell formation initializing zone, wherein the wide side walls extending parallel to each other, the length of this parallel wall zone being between 150 and 350 mm, and a second zone reducing the pouring in region to the format of the cast strip.





Comp. Specn. 11 pages.

Drgs. 3 sheets.

CLASS : 55-D, - [GROUP-XIX(1)]

170154

Int. Cl.<sup>4</sup> : A 01 N 65/00.

A PROCESS OF PREPARING A BOTANICAL GROWTH PROMOTER COMPOSITION.

Applicants : (1) DR. TANIKELLA SITARAMA SUBRAMANIAM, ASSISTANT MANAGER-RESEARCH, ILTD DIVISION, C/O I.T.C. LIMITED, RAJAMUNDRY, ANDHRA PRADESH, INDIA, INDIAN NATIONAL AND (2) I.T.C. LIMITED ILTD DIVISION, GUNTUR 522 004, ANDHRA PRADESH, INDIA, HAVING ITS REGISTERED OFFICE AT VIRGINIA HOUSE, 37 CHOWRINGHEE, CALCUTTA-700 071, INDIA, AN INDIAN COMPANY.

Inventor : DR. TANIKELLA SITARAMA SUBRAMANIAM.

Application No. 948/Mas/87 filed December 31, 1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

2 Claims (no drawing)

A process of preparing a botanical growth promoter composition comprising the steps of drying the seed of the neem plant, shelling the seed-coat to separate it from the kernel and grinding the kernel to fine powder before drying the same; mixing the said powder with dry powdered plant pongamia glabra in the proportion 80 : 10 parts by weight along with magnesium sulphate and ammonium sulphate each 5 parts by weight; and admixing therewith 5 to 10 gm of activated charcoal for every kg of the said mixture.

Comp. Specn. 6 pages.

CLASS : 116 C [GROUP XLIX]

170155

Int. Cl.<sup>4</sup> : B 65 G 15/58.

CONVEYOR WITH PALLETS FOR CONVEYING HEAVY LOADS.

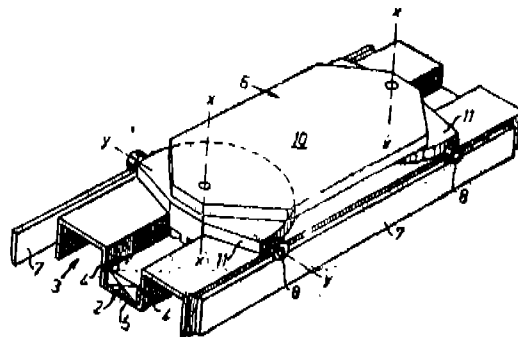
Applicant & Inventor : PER ERIK WAHREN, A SWEDISH SUBJECT, OF STRANDGATAN 2, S-59200 WADSTENA, SWEDEN.

Application No. 4/Mas/88 filed on 4th January, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

9 Claims

Conveyor with pallets for conveying heavy loads, with a continuously moving conveyor belt guided between fixed, parallel, guide walls on either side of the belt, with the pallet and load movable with the belt due to friction between belt and pallet and capable of remaining stationary at given places along the line while gliding against the belt, characterised in that it comprises fixed support members (7, 7') parallel to and on either side of the guide walls (4, 4') for taking up the main part of the vertical load from the pallet (6) and its load, two guide segments (11, 11') mounted swivelably about vertical axes (x-x) in tandem in the direction of movement of the pallet and carrying support rollers (8, 8) mounted on each guide segment (11, 11') in engagement against their respective support member (7, 7') and guide means (30, 30') for guiding the segments along the guide walls (4, 4') and that a glide shoe (20) on at least one guide segment is engaged yieldingly against the belt (2) in frictional contact therewith.



Comp. Specn. 12 pages.

Drgs. 2 sheets.

CLASS : 32 E [GROUP IX (1)]

170156

Int. Cl.<sup>4</sup> : C 08 G 65/48

A PROCESS OF MANUFACTURE OF A SOLID FOAM FLOAT.

Applicant : VERGHESE EAPEN, NO. 8, 15TH AVENUE, HARRINGTON ROAD, CHETPUT, MADRAS-600 031, TAMIL NADU, INDIA, INDIAN NATIONAL.

Inventor : VERGHESE EAPEN.

Application No. 440/Mas/88 filed on 27th June, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

3 Claims

A process of manufacture of a solid foam float comprising the steps of mixing polyol with either diphenyl methane di-isocyanate (MDI) or a mixture of MDI and toluene di-isocyanate, pouring the reaction mix into a mould of the desired shape and allowing the same to polymerize further to finally set therein; and dismantling the mould thereafter to obtain a solid float of density 300 kg/m<sup>3</sup> to 500 kg/m<sup>3</sup> characterised in that 100 parts by weight of dehydrated polyol are mixed with 120 to 150 parts by weight of MDI

or a mixture of MDI and toluene di-isocyanate, along with 0.5 to 1 part by weight of an amine catalyst derived from niethylene di-amine, the reaction mix being stirred (before being poured into the mould) until an isothermal reaction take place at 150°C—170°C.

Comp. Specn. 6 pages.

Drgs. Nil

CLASS : 104 G [GROUP XII (1)]

170157

Int. Cl.<sup>4</sup> : A 01 G 23/10.

#### A DEVICE FOR TAPPING LATEX FROM HEVEA.

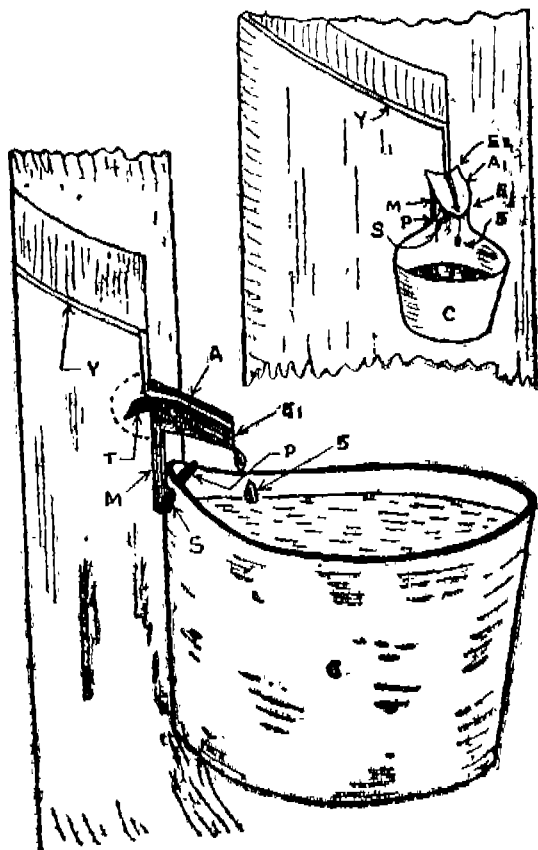
Applicant & Inventor : VETTUVAYALIL VARGHESE MATHEW, VETTUVAYALIL HOUSE, MUTHALAKODOM P.O., THODUPUZHA 685 605, IDUKKI DISTRICT, KERALA, INDIA INDIAN NATIONAL.

Application No. 770/Mas/88 filed on 3rd November 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

#### 6 Claims

A device for tapping latex from hevea comprising a downwardly inclining channel-member, the free end of which overhangs while the other end is fixed to a mount; a peg fixed to the mount below the channel-member; a slotted cup suspended from the peg, with its mouth disposed below the said free end of the channel-member; at least two spaced spikes fixed to the mount for being driven into the tree, for supporting the mount thereon; whereby the cup is enabled to collect latex draining from the channel-member thereinto.



Comp. Specn. 8 pages.

Drgs. 3 sheets.

CLASS : 32-B-[GROUP-IX(1)]

170158

Int. Cl.<sup>4</sup> : C 07 C 11/08

#### A CONTINUOUS PROCESS FOR DIMERIZING ETHYLENE TO PRODUCE BUTENE-1 IN A FLUIDIZED BED.

Applicant : UNION CARBIDE CORPORATION, A CORPORATION UNDER THE LAWS OF THE STATE OF NEW YORK, UNITED STATES OF AMERICA, OF OLD RIDGEBURY ROAD, DANBURY, STATE OF CONNECTICUT 06817, U.S.A.

Inventors : (1) MICHAEL WALTER CHEN, (2) KEVIN JOSEPH CANN, (3) FREDERICK JOHN KAROL.

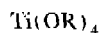
Application No. 518/Mas/89 filed July 7, 1989.

Divisional to Patent No. 166865; (163/Mas 86); Antedated to 10th March, 1986.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

#### 5 Claims (No drawing)

A continuous process for dimerizing ethylene to produce butene-1 in a fluidized bed, comprises continuously contacting ethylene in a fluid bed reactor, at a temperature of from 30°C up to 115°C and a pressure not greater than 7000 kPa, with a catalytically effective amount of a catalyst system consisting of (a) a titanium tetrahydrocarbyloxyde having the formula



wherein each R is a saturated aliphatic hydrocarbon radical containing from 1 to 12 carbon atoms and (b) a trialkylaluminum compound having the formula



wherein each R' is a saturated hydrocarbon radical containing from 1 to 14 carbon atoms, said trialkylaluminum compound being employed in an amount such as to provide a total aluminum : titanium atomic ratio of from 4 : 1 to 500 : 1.

Comp. Specn. 35 pages.

CLASS : 179-E [GROUP-XL(6)]

170159

Int. Cl.<sup>4</sup> : B 65 D 55/02.

#### A TAMPER RESISTANT CHILD RESISTANT PACKAGE WITH A SNAP-ON CLOSURE.

Applicant : OWENS ILLINOIS CLOSURE, INC., OF ONE SEAGATE, TOLEDO, OHIO 43666, U.S.A., A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF OHIO.

Inventor : WILLIAM EDGERTON FILLMORE.

Application No. 532/Mas/89 filed July 12, 1989.

Divisional to Patent No. 166891 (885/Mas/85); Antedated to November 5, 1985).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

#### 6 Claims

A tamper resistant child resistant package with a snap-on closure comprising

a container having a neck finish,

said neck finish having a retaining bead with at least one notch therein,

a closure having a top wall and peripheral skirt,

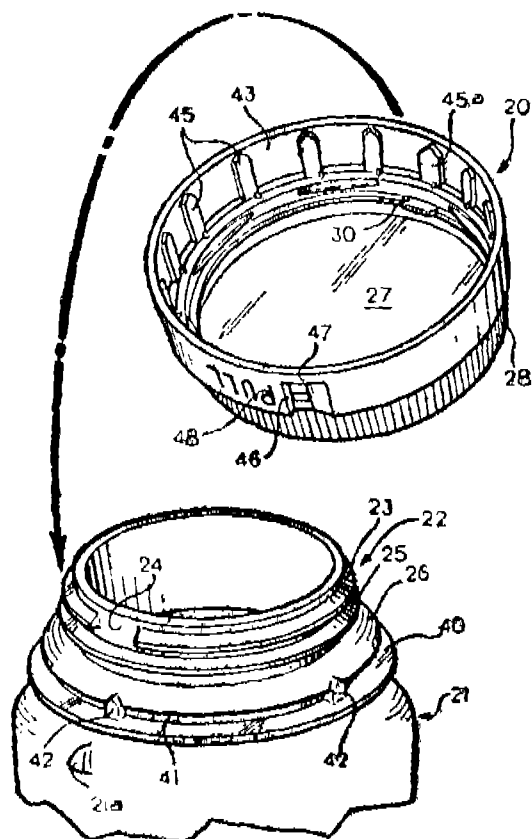
a radially extending lug on the inner surface of said skirt aligned with said notch to permit removal of said closure,

an integral tamper indicating band connected to the skirt of said closure by means defining a weakened line,

a plurality of circumferentially spaced vertical ribs on the inner surface of said tamper indicating band,

a plurality of circumferentially spaced vertical ribs on the outer surface of said container below said retaining bead,

said ribs on said closure and said ribs on said container being arranged such that when the closure is snapped onto the container, the ribs interengage to position the closure in such a manner that the locking lug on the container cannot be aligned with the notch on the container and prevent rotation of the closure to bring the locking lug into alignment with the notch until the band is removed.



Comp. Specn. 13 pages.

Digs. 5 sheets.

CLASS : 171 [GROUP XXXVIII (4)] 170160

Int. Cl.<sup>4</sup> : G 02 C 7/04

A PROCESS FOR PREPARING A CONTACT LENS CARE SOLUTION.

Applicant : CIBA-GEIGY AG, KLYBECKSTASSE 141, 4002 BASLE, SWITZERLAND, A SWISS CORPORATION.

Inventors : (1) STEPHEN MERRITT MARTIN (2) FU-PAO TSAO.

Application No. 556/Mas/89 filed on 28th July, 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office Branch, Madras.

9 Claims

A process for preparing a contact lens care solution comprising the steps of mixing with water

(a) a hydrogen peroxide or a hydrogen peroxide source selected from sodium perborate decahydrate, sodium peroxide and urea peroxide capable of producing hydrogen peroxide in the range of 0.001% to 0.10% by weight,

(b) at least one hydrogen peroxide stabilizer such as herein described in the range of from 0.002 to 0.2% by weight,

(c) a tonicity agent selected from alkali metal halides phosphates, hydrogen phosphate and borates,

(d) a known buffer,

and adjusting the pH of the resultant aqueous solution to 5.5 to 8 in a known way.

Comp. Specn. 20 pages.

Drgs. Nil

#### PATENTS SEALED

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168203 168210 168230 168246 168248 168264 168279 168290  
168292 168299 168312 168347 168349 168380 168558 168560  
168561 168562 168564 168566 168567

CAL—19.

MAS—6.

DEL—NIL.

BOM—1.

#### AMENDMENT PROCEEDINGS UNDER SECTION-57

The amendments proposed by Shri Ram Prakash Anuja and National Dairy Development Board in respect of application for Patent No. 167221 as advertised in Part III, Section 2 of the Gazette of India dated the 13th October, 1990 have been allowed.

#### RENEWAL FEES PAID

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150157 150163 150298 150330 150339 150475 150911 151049  
151067 151113 151274 151718 152036 152124 152177 152283  
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168335

Name Index of applications for Patents in respect of Patent Office Calcutta and its branches for the month of August 1991 (Nos. 572/Cal/91, 647/Cal/91, 228/Bom/91, 249/Bom/91, 582/Mas/91, 649/Mas/91 and 702/Del/91 to 801/Del/91).

Calcutta : (572/Cal/91 to 647/Cal/91)

Name & Application No.

—A—

American Cyanamid Co.—618/Cal/91.

Atochem North America, Inc.—635/Cal/91.

—B—

Biswas Kakli Sankar.—636/Cal/91.

Boryung Biopharma Co. Ltd.—606/Cal/91.

—C—

Caroma Industries Ltd.—601/Cal/91.

Cell Research Corporation.—621/Cal/91.

Chin-Fu Chung—628/Cal/91.

Chong Min Ho.—625/Cal/91.

—E—

Eaton Corporation.—608/Cal/91.

E.I. Du Pont De Nemours & Co.—577/Cal/91, 578/Cal/91, 587/Cal/91.

Engelhard Corporation—579/Cal/91, 603/Cal/91.

—F—

First Brands Corporation—619/Cal/91.

Fritz Stahlecker & Hans Stahlecker—572/Cal/91, 573/Cal/91, 574/Cal/91, 575/Cal/91, 599/Cal/91, 600/Cal/91.

—G—

Ganoco Specialty Products Inc.—634/Cal/91.

General Electric Co.—581/Cal/91.

Ghosh, Mita Mrs.—615/Cal/91.

Goldstar Co. Ltd.—590/Cal/91.

Good Raymond John—633/Cal/91.

—H—

Hitachi Ltd.—612/Cal/91, 641/Cal/91.

Hoechst Celanese Corporation—602/Cal/91, 622/Cal/91.

Hunter Douglas International N. V.—644/Cal/91.

—I—

Indian Jute Industries' Research Association—647/Cal/91.

—K—

Karp Stefan—593/Cal/91.

Kamyr, Inc.—598/Cal/91.

Koyo Sangyo Co. Ltd.—584/Cal/91.

Krupp Kopperes GmbH.—620/Cal/91.

—L—

Limitorque Corporation—645/Cal/91.

Luminis Pty. Ltd.—582/Cal/91.

—M—

Massey-Ferguson Services N.V.—576/Cal/91, 614/Cal/91.

Mcneil Ppc, Inc.—592/Cal/91.

Mcdermott International Inc.—646/Cal/91.

Mitra, Tushar Kanti (Sri)—632/Cal/91

—N—

Nauchno-Proizvodstvennoe Obiedinenie "Plastmassy" 638/Cal/91, 639/Cal/91, 640/Cal/91.

N. V. Philips' Gloeilampenfabrieken—637/Cal/91

—O—

Owens Corning Fibreglas Corporation. 617/Cal/91.

—P—

PA Consulting Services—580/Cal/91.

Personal Products Co.—589/Cal/91.

Phillips Petroleum Co.—616/Cal/91, 627/Cal/91, 643/Cal/91.

—R—

Regents of the University of California. The—624/Cal/91.

Rover Group Ltd.—629/Cal/91.

—S—

Samsung Electron Devices Co. Ltd.—586/Cal/91, 609/Cal/91.

Sarkar, Sujit Kumar (Sri)—630/Cal/91, 631/Cal/91.

Siemens Aktiengesellschaft—588/Cal/91, 604/Cal/91, 607/Cal/91.

Soda Club Holdings N. V.—613/Cal/91.

Snow Brand Milk Products Co. Ltd.—591/Cal/91.

Sotac Corporation—597/Cal/91.

Sumeno Shin—583/Cal/91.

—T—

Telephonica De Espana S. A.—596/Cal/91.

Tretzschler GmbH & Co. Kg.—594/Cal/91, 595/Cal/91, 642/Cal/91.

—V—

Videocolor S.P.A.26--3/Cal/91.

—W—

Weston & Wilson Pty. Ltd.—610/Cal/91.

Westinghouse Electric Corporation—611/Cal/91.

Witco Corporation—605/Cal/91.

—Y—

Yun-Tung Hsu—626/Cal/91.

—Z—

Zinipro Passavant Environmental System Inc.—585/Cal/91.

Delhi : (702/Del/91—801/Del/91)

—A—

A. Mayhew Christophar—721/Del/91.

Albright & Wilson Ltd.—710/Del/91, 742/Del/91, 754/Del/91.

Allied-Signal Inc.—801/Del/91.

Artificial Lumbs Manufacturing Corporation of India—736/Del/91.

Asha Brothers Measurement & Control (Proprietary) Ltd.—776/Del/91.

Austpac Gold N. I.—793/Del/91.

—B—

Battery Technologies Inc.—781/Del/91.

Basf Lacke +Farben Aktiengesellschaft.—779/Del/91.

Bharat Heavy Electricals Ltd.—798/Del/91.

BP Chemicals Ltd.—761/Del/91, 762/Del/91.

British United Shoe Machinery Ltd.—760/Del/91.

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—C—

Carlstedt Elektronik AB.—715/Del/91, 716/Del/91, 718/Del/91, 719/Del/91, 720/Del/91, 722/Del/91.

Chawla Suresh Kumar.—771/Del/91.

Council of Scientific & Industrial Research—704/Del/91, 705/Del/91, 706/Del/91, 707/Del/91, 708/Del/91, 709/Del/91, 729/Del/91, 730/Del/91, 731/Del/91, 732/Del/91, 733/Del/91, 734/Del/91, 735/Del/91, 749/Del/91, 750/Del/91, 751/Del/91, 752/Del/91, 753/Del/91, 764/Del/91, 765/Del/91, 766/Del/91, 767/Del/91, 768/Del/91, 769/Del/91, 770/Del/91.

—D—

D. Ide Russell—713/Del/91.

—E—

Edward Gerard Hynes—711/Del/91.

Engineers India Ltd. M/s.—800/Del/91.

ESCO Corporation—758/Del/91.

—F—

First Green Park Pty. Ltd.—737/Del/91.

Frederick Charles Koch & Gian Luigi Aponte.—725/Del/91

Fuller Co.—799/Del/91.

—G—

Ganesh Scientific Research Foundation—790/Del/91, 791/Del/91, 792/Del/91.

General Electric Co.—756/Del/91, 785/Del/91.

Gosudarstvenny Nauchno-Issledovatel'skiy I proektny Institut Azotnoi promyshlennosti I produktov organicheskogo sinteza—740/Del/91.

Gpt. Ltd.—794/Del/91.

Guha, B.K.—755/Del/91.

—H—

Henda Giken Kogyo Kabushiki Kaisha—759/Del/91.

Hitchiner Manufacturing Co. Inc.—723/Del/91.

Hughes Tool Co.—796/Del/91.

—I—

Imex Corporation—746/Del/91.

Indian Council of Medical Research—772/Del/91, 773/Del/91, 774/Del/91, 775/Del/91.

Ingersoll-Rand Co.—741/Del/91.

—J—

Jacobs Suchard AG.—757/Del/91.

Julian Bryan Hytchins.—711/Del/91.

—L—

Laboratories Domilena—797/Del/91.

—M—

Mallik Kameshuwar Nath—745/Del/91, 789/Del/91.

M & FC Holding Co. Inc.—780/Del/91.

Mitsubishi Materials Corporation—726/Del/91.

Mobil Solar Energy Corporation—727/Del/91, 728/Del/91.

—N—

New Engineering Enterprises—786/Del/91, 788/Del/91.

Nauchno-Issledovatel'skiy Institut Tekhnologii I Bezopasnosti Lakartvennykh Sredstv—740/Del/91.

Newtech International—739/Del/91.

—P—

Palhan Rajendra Kumar—712/Del/91.

—R—

Racold appliances Ltd.—787/Del/91.

R & C Product Pty. Ltd.—714/Del/91.

Rohm & Haas Co.—724/Del/91, 738/Del/91, 763/Del/91.

Ruhrkhe Aktiengesellschaft—703/Del/91.

Russell D. Ide—778/Del/91.

—S—

Sahal Dinkar & Senha Arun Kumar—744/Del/91.

Solvay & Cie.—782/Del/91.

—T—

The Procter & Gamble Co.—747/Del/91, 748/Del/91, 783/Del/91, 784/Del/91.

The B. F. Goodrich Co.—777/Del/91.

Torotrak Development Ltd.—743/Del/91.

—V—

Vsesojuzny Nauchno-Issledovatel'skiy I Proektny Institut Aluminiovoi Magniovoi I Elektrodoi Promyshlennosti (VAMI)—795/Del/91.

VSL International AG.—702/Del/91.

Bombay : (228/Bom/91—249/Bom/91)

—A—

Ahmedabad Textile Industry's Research Association—234/Bom/91.

Ajoy Metachem (Pvt.) Ltd.—246/Bom/91.

—B—

Bend Research Inc.—230/Bom/91.

—C—

C. Shival Sorathia—232/Bom/91.

C. Vatsaraj Bharat—233/Bom/91.

—D—

Director, Indian Institute of Technology Powai—244/Bom/91.

—G—

G. Agrawal Dr. Omprakash—239/Bom/91.

Godrej Soaps Ltd.—231/Bom/91.

—H—

Hindustan Lever Ltd.—237/Bom/91, 238/Bom/91, 245/Bom/91, 248/Bom/91, 249/Bom/91.

—K—

Karve Dr. Anand Dinakar—240/Bom/91.

Kulkarni P. K. and Kulkarni V. P.—229/Bom/91.

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—M—

Mankad Karembhai Valibhai & Mehta Manubhai Maganbhai—243/Bom/91.

—R—

Reddy Dr. A. V. K.—228/Bom/91.

Real Value appliances Pvt. Ltd.—247/Bom/91.



Name &amp; Application No.

Inventio AG.—626/Mas/91.

—S—

S. Athawals Anant—236/Bom/91.

—T—

Tata Engineering &amp; Locomotive Co. Ltd.—235/Bom/91.

—V—

Valentine Noel Christopher—242/Bom/91.

Vishwakarma Jagannath Prasad—241/Bom/91.

Madras : (582/Mas/91—649/Mas/91)

—A—

Alexander Rajeev—594/Mas/91.

AMC International—620/Mas/91.

Anvy Industries Corporation Spolka Zo.O.—639/Mas/91.

Asea Brown Boveri Ltd.—635/Mas/91.

Astra Research Central India—605/Mas/91.

Aware Inc.—583/Mas/91.

—B—

BASF Aktiengesellschaft—599/Mas/91, 600/Mas/91.

Basu D. P. &amp; Basu Rahut—621/Mas/91.

Biogal Gyogyazergyar Rt.—629/Mas/91.

—C—

Chandrasekaran K.—645/Mas/91.

Chevron Research & Technology Co.—616/Mas/91,  
643/Mas/91.

Comalco Aluminium Ltd.—585/Mas/91, 633/Mas/91.

—D—

Dana Corporation—638/Mas/91.

Dang Zhi GUO—640/Mas/91.

Dalkin Industries Ltd.—634/Mas/91.

DHV water BV.—642/Mas/91.

Divakaran C. P.—647/Mas/91.

Deutsche Babcock Energie &amp; Umwelttechnik Aktiengesellschaft—622/Mas/91.

—E—

Energy Conversion Devkes—648/Mas/91.

—G—

Gianfrancesco Roberto—595/Mas/91.

Goldstar Instrument &amp; Electric Co. Ltd.—623/Mas/91.

George K. A.—624/Mas/91, 625/Mas/91.

Girivas Viswanath Shet (India) Mysore Sandal Products—  
165/Mas/91.

Gopalakrishnan Kalvi—608/Mas/91.

—H—

Himont Incorporated—613/Mas/91.

Henkel Kommanditgesellschaft auf Aktien—644/Mas/91.

Hydro Quebec—614/Mas/91.

—I—

Inland Steel Co.—641/Mas/91.

Institut Francats Du Petrole—636/Mas/91, 649/Mas/91.

—K—

Krishnamurthy Vudhya—603/Mas/91.

Kumar Malavika Vinod—607/Mas/91.

—M—

Maschinenfabrik Rieter AG.—582/Mas/91, 590/Mas/91,  
628/Mas/91.

—P—

Plo-Con Systems Inc.—618/Mas/91.

Prabhasankar Pichan—631/Mas/91.

Precision Valve Corporation—601/Mas/91.

Presenti Y.P.G.—596/Mas/91.

Pzellweger Uster AG.—587/Mas/91.

—Q—

Quenderff J.P.G.—596/Mas/91.

—R—

Ravikrishnan B.—630/Mas/91.

R, Selva Kumar—584/Mas/91.

—S—

Samsung Electron Devices Co., Ltd.—619/Mas/91.

Shet G. V.—637/Mas/91.

Sollac—609/Mas/91.

Shikant Yasushi—632/Mas/91.

Southern Petrochemical Industries Corporation Ltd.—610/  
Mas/91.

—T—

Takeda Chemical Industries Ltd.—611/Mas/91, 612/Mas/91.

Techmetal—609/Mas/91.

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The Board of Governors of Wayne University—606/Mas/91.

The English Electric Co. 593/Mas/91.

Tube Investments of India Ltd.—597/Mas/91, 598/Mas/91.

—U—

United Distiller PLC.—602/Mas/91.

—V—

Vaithianathan Arunmugam—604/Mas/91.

—X—

Xomox International GMBH &amp; C.—617/Mas/91.

—Y—

Yogi Sadhy Padmanabha—591/Mas/91.

—Z—

Zellweger Uster A.G.—586/Mas/91, 588/Mas/91, 589/  
Mas/91.CANCELLATION PROCEEDINGS  
(SECTION-51A)

An application filed by Earl Bihari Pvt. Ltd. for cancellation of the registration of registered design No. 161978 in class-3 in the name of R.A. Industries on 22nd March, 1991.

## REGISTRATION OF DESIGNS

The following design have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entry is the date of the registration of the design included in the entry.

Class 1. No. 163581. Wellman Incandescent India Limited, an Indian Company of 7, Pretoria Street, Calcutta-700071, W.B., India. "Radiant Tube". September 5, 1991.

Class 1. No. 163807. Shambhu Nath & Brothers, Indian Partnership Firm of 47, Biplabi Anukul Chandra Street, Calcutta-700072, W.B., India. "Fan". November 25, 1991.

Class 3. No. 163374. Tejas Plastic, 139-C, Bombay Talkies Compound, Dadiseth Road, Malad (W), Bombay-64, Maharashtra, India, Indian Proprietary Firm. "Lid of Tray". July 3, 1991.

Class 3. No. 163376. Kiran Udyog, Plot No. 47, Gali No. 6, Anand Parbat, Industrial Area, New Rohtak Road, Delhi, India, Indian Partnership Firm. "Clutch and brake lever for to wheeler automobiles, July 3, 1991.

Class 3. Nos. 163398 & 163399. Eagle Flask Industries Ltd., of Eagle Estate, Talegaon-410507, Dist. Pune, Maharashtra, India. "Casserole". July 10, 1991.

Class 3. No. 163459. Eastern Medikit Pvt. Ltd., Indian Company, 3, Dr. G. C. Narang Marg, Delhi, India. "Flow Regulator". July 29, 1991.

Class 3. No. 163472. Cosmic Traffic Systems Pvt. Ltd., 5, Anjali Apartments, Ramkrishna Mission Marg, 14B, Road, Khar, Bombay-52, Maharashtra, India. "Traffic Directional Bollard". July 29, 1991.

Class 3. No. 163473. Cosmic Traffic Systems Pvt. Ltd., 5, Anjali Apartments, Ramkrishna Mission Marg, 14B, Road, Khar, Bombay-52, Maharashtra, India. "Traffic Directional Bollard". July 29, 1991.

Class 3. No. 163551. Krishna Plastic Industries, Indian Partnership Firm of Siding Plot, Krishna Oil Mill Compound, Dhoraji, Dist. Rajkot-360410, Gujarat, India. "Plastic Seal". August 26, 1991.

Class 10. No. 163543. Bapsons Foot-wear, Indian Partnership Firm of No. 32, Unis Ali Street, Mount Road P.O., Madras-600002, T.N. India. "Hawai Chappels". August 21, 1991.

R. A. ACHARYA,  
Controller General of Patents.  
Designs and Trade Marks

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एवं प्रकाशन नियंत्रक, दिल्ली द्वारा प्रकाशित, 1991

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